METROLINK

Integrated Transport. Integrated Life.

A20.8 Land Contamination Interpretative Report

Contents

Table of Acronyms

Acronym	Meaning
AOD	Above Ordnance Datum
AGI	Additional Ground Investigation
AZ	Assessment Zone
BOD	Biological Oxygen Demand
Bq	Becquerel
CEMP	Construction Environmental Management Plan
Ch	Chainage
CS	Characteristic Situation
CGS	County Geological Site
C4SL	Category 4 Screening Level
CIEH	Chartered Institute of Environmental Health
CIRIA	Construction Industry Research and Information Association
COD	Chemical Oxygen Demand
CSM	Conceptual Site Model
CWSC	Controlled Waters Screening Criteria
DANP	Dublin Airport North Portal
DASP	Dublin Airport South Portal
DCC	Dublin City Council
DQRA	Detailed Quantitative Risk Assessment
DWS	Drinking Water Standard
EA	Environment Agency
EIA	Environmental Impact Assessment
EIAR	Environmental Impact Assessment Report
EPA	Environmental Protection Agency
EQS	Environmental Quality Standard
EU	European Union
GAC	Generic Assessment Criteria
GDR	Geotechnical Design Report
GI	Ground Investigation
GIR	Geotechnical Interpretive Report
GQRA	Generic Quantitative Risk Assessment
GSI	Geological Survey Ireland
GSV	Gas screening value
HSA	Health and Safety Authority
HSE	Health and Safety Executive
IGI	Institute of Geologists of Ireland
IGSL	Irish Geotechnical Services Ltd
IGV	Interim Guidance Value

Acronym	Meaning
Km	Kilometre
LQM	Land Quality Management
m	Metre
mbgl	Metres below ground level
MDL	Method detection limit
NHBC	National House Building Council
NRA	National Roads Authority
NTA	National Transport Authority
OCC	Operations Control Centre
OD	Ordnance Datum
OELV	Occupational Exposure Limit Value
OSI	Ordnance Survey Ireland
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PFAS	Perfluoralkyl and polyfluoralkyl substances
PFOS	Perfluorooctonate sulfonate
PPE	Personal Protective Equipment
RPE	Respiratory Protective Equipment
S4UL	Suitable for Use Level
SOM	Soil Organic Matter
SURGE	Dublin Soil Urban Geochemistry Project
SVOC	Semi-volatile Organic Compound
TBM	Tunnel Boring Machine
TII	Transport Infrastructure Ireland
TPH	Total Petroleum Hydrocarbon
VOC	Volatile Organic Compound
WAC	Waste Acceptance Criteria
WEL	Workplace Exposure Limit
WHO	World Health Organisation
WFD	Water Framework Directive

Executive Summary

Introduction

The available desk study information and ground investigation data relating to land contamination for the Dublin Metrolink project (the proposed Project) has been reviewed and interpreted to provide an assessment of the potential risks and constraints associated with land contamination. This report is intended to supplement the Ground Investigation Report (GIR) and Geotechnical Design Report (GDR) and to inform the Environmental Impact Assessment Report (EIAR).

Metrolink is the next phase of Dublin's integrated light rail network, which begins to the north of Swords, runs southward over the Broad Meadow River and alongside the R132 trunk road, beneath Dublin Airport and will terminate to the south of Dublin City at Charlemont. The proposed Project includes over-ground sections, retained cut and bored tunnels, and has been divided into four geographical areas (AZ1 to AZ4) for the purposes of the EIAR and this report.

The scope of this report includes:

- Review of available desk study information, including studies undertaken for the Old Metro North scheme and more recent published information relating to ground conditions and regulatory data.
- Review of ground investigation (GI) data from investigations from the Old Metro North scheme and GI and monitoring undertaken between 2019 and 2021 for the Metrolink project (GI Phases 1, 2, 3, 4 and 5), including GI logs and extraction of relevant geochemical data.
- Identification of potential contamination sources relevant to the proposed Project, review of relevant pathways and receptors and development of a preliminary Conceptual Site Model (CSM).
- Generic quantitative risk assessment (GQRA) based on the available geochemical soil and water data to aid in identification of potential contaminated land risks and enable an update to the CSM.
- Identification of information gaps and potentially significant contaminated land risks which may present a constraint to the proposed Project.

A Works Area has been defined for the proposed Project based on the footprint/ boundary of construction and any areas required for temporary access, site compounds, working platforms and other enabling activities. The Study Area is based on a 250m buffer from this Works Area.

Potential Contamination Sources

The desk study review indicated a number of potential contamination sources within the Study Area, the majority of which have been assessed as posing a low risk to the proposed Project. The primary potential contamination sources of relevance to the proposed Project identified from the available information are as follows:

- Car dismantlers yard and fuel station south of Swords, near Fostertown Station.
- Former infilled quarry in the location of the proposed Dublin Airport Station, and the historical use of Dublin Airport for aviation.
- Former infilled gravel pits and sewage works in the vicinity of Seatown.

- General urban made ground from the historical development of Dublin City in many proposed station locations, particularly in AZ4.
- Former burial site / infilled ground at the proposed Griffith Park Station location.
- Historic use of land around the proposed Charlemont Station and the Glasnevin interchange as railway land and use of an area on the opposite side of the Royal Canal to Glasnevin as a creosote yard.
- Leakages from oil filled cables, particularly near Tara and Mater Stations.
- Current / former hospitals at the proposed Mater and Tara station locations.

A conceptual site model (CSM) has been developed to inform the assessment of risk associated with land contamination for both the construction and operational phases of the proposed Project. The CSM has been reviewed against the results of the information review including a generic quantitative risk assessment of the available geochemical and monitoring data. The ground conditions and potential risks are summarised by AZ as follows.

AZ1 – Northern

Made ground mainly encountered in a layer up to 1.2m thick (predominantly reworked natural ground and road make up with occasional anthropogenic inclusions) associated with the existing road network and urban use of the land, with a maximum of 4.6mbgl encountered in the Swords area. The made ground overlies glacial deposits (mainly cohesive with occasional granular layers) between 2m and 30m thick, overlying limestone and interbedded shale of the Malahide Formation. Potential influence of fertiliser use was identified around the proposed Estuary Station along with TPH in one location which could represent an isolated spill event. Elevated concentrations of metals in the soil and groundwater may represent natural background concentrations.

AZ2 – Airport

The majority of the proposed Project comprises tunnel with portals at the northern and southern ends and a proposed station at Dublin Airport. Made ground up to 2.6mbgl was identified at Dublin Airport corresponding to a former quarry, now infilled. The made ground overlies Waulsortian Limestone in this location and comprises tarmac, concrete, sandy gravel or gravelly clay with rebar and red brick; possible domestic waste / putrescible material was identified in one location. Metallic (mainly lead and arsenic), and organic (TPH, PAH) were identified in the made ground and groundwater at elevated concentrations as well as asbestos in one location.

AZ3 – Dardistown to Northwood

Much of AZ3 comprises greenfield / agricultural land with notable made ground up to 2.5m thick comprising sandy gravelly clay or sandy gravel with brick, plastic metal or pottery mainly confined to the northern and southern extents, associated with the road network and potential unmapped historic activities around Dardistown. The made ground overlies glacial till deposits (sandy gravelly clay with cobbles and granular horizons) 16 to 20m thick over bedrock (Tober Colleen Formation towards the north, Lucan Formation towards the south). Some elevated hydrocarbon concentrations were identified around Dardistown with no obvious source, agricultural influence may have resulted in the ammonia and chloride present in the groundwater.

AZ4- Northwood to Charlemont

Made ground was recorded in the majority of exploratory hole locations in AZ4, typically up to around 3m thick, and up to a maximum depth of 7mbgl at the proposed Charlemont Station. The majority of made ground is attributable to historical urban development rather than specific potentially contaminative land uses. The made ground typically comprised sandy gravelly clay with brick, concrete, ash and plastic, notable observances of

contamination included hydrocarbon / bitumen odours at the proposed Collins Avenue, Tara and O'Connell Street stations. Elevated concentrations of metallic and organic contaminants were identified in several locations as well as asbestos fibres.

Preliminary Materials and Waste Assessment

The project will result in generation of an estimated 3,025,588m3 of excavated material, of which only 99,931m3 is expected to be reused within the project primarily due to space constraints (refer to Table 7.1).

Table E0.1: Summary of Excavated Material Quantities

Material Type	Volume (m^3)	%
Made Ground	153,458	5.1%
Superficial Deposits	1,742,258	57.6%
Mixed	155,302	5.1%
Rock	974,570	32.2%
Total	**3,025,588**	

Table E1.2 provides a preliminary waste classification of excavated material assuming all the material is sent to landfill (i.e. no mitigation is applied).

Table E0.2: Preliminary Waste Classification (Assuming All Excavated Material is Waste)

Waste Classification	Volume (m^3)	%
Hazardous	94,775	3.1%
Non-hazardous	221,121	7.3%
Increased Inert	104,554	3.5%
Inert	2,605,138	86.1%
Total	**3,025,588**	
Backfill Required	99,931	
Total Surplus	2,925,657	

Regarding mitigation of the materials management risk the preferred scenario for managing the excavated material is use as restoration material off site via an application under Article 27 of the European Communities (Waste Directive) Regulations 2011 (S.I. No. 126 of 2011), as amended (Waste Directive Regulations (2011)) (referred to as Article 27) progressed by Arup. If this application is unsuccessful a secondary approach is to send material to Soil Recovery Facilities (SRFs). The approach is summarised as follows:

- Primary mitigation: The Article 27 application is successful and between 71.6% (worst case) and 89.7% (best case) of the excavated material is removed from site as a by-product, the remainder being removed from site as waste.

- Secondary mitigation: The Article 27 application is unsuccessful; the next best option is to send excavated compliant material to Soil Recovery Facilities (SRFs).

Under the primary mitigation scenario between 71.6% and 89.6% of the material is likely to be Article 27 compliant with the remainder potentially requiring off-site disposal, as summarised in Table E1.3.

Table E0.3: Summary of Quantities for Primary Mitigation

Material Type	Preliminary Waste Classification	A27 Worst Case		A27 Best Case	
		Volume (m^3)	%	Volume (m^3)	%
Article 27 non-compliant					
	Hazardous	94,775	3.1%	94,775	3.1%
	Non-hazardous	155,481	5.1%	155,481	5.1%
	Increased Inert	49,093	1.6%	49,093	1.6%
	Inert	560,157	18.5%	10,968	0.4%
	Total	**859,506**	**28.4%**	**310,317**	**10.3%**
	- Backfill	99,931	3.3%	99,931	3.3%
	Total Surplus	759,555	25.1%	210,386	7.0%
Article 27 Compliant					
	Non-Waste	**2,166,082**	**71.6%**	**2,715,271**	**89.7%**

Under the secondary mitigation scenario the preliminary assessment of excavated material suitability for each Irish geological domain summarised in Table E1.4.

Table E0.4: Summary Quantities for Secondary Mitigation

Domain	Unsuitable		Acceptable		Ranking
	m^3	%	m^3	%	
Domain 1	1,663,437	55%	1,362,151	45%	6
Domain 2	620,457	21%	2,405,131	79%	1
Domain 3	883,111	29%	2,142,477	71%	2
Domain 4	1,328,886	44%	1,696,702	56%	5
Domain 5	941,297	31%	2,084,291	69%	3
Domain 6	1,087,189	36%	1,938,399	64%	4
Domain 7	1,900,895	63%	1,124,693	37%	7

Risk Summary and Mitigation Measures

The potential risks associated with land contamination will primarily be during the construction phase of the proposed Project, with potential risks generally lower during operation. The identified potential risks are summarised as follows:

- Risk to construction and maintenance workers from dermal contact, ingestion and inhalation of contaminants (primarily hydrocarbons and metals, potential presence of asbestos) in the soil and groundwater, and inhalation of ground gas.
- Risks to adjacent residents / workers / transient foot traffic from dermal contact, ingestion and inhalation of wind-blown dust containing contaminants.

- Groundwater and surface water affected by mobilising of contaminants during construction and excavated material movement / storage / placement as well as operation of plant and machinery during construction and operation.

- Property affected by direct contact with soil and groundwater causing degradation.

- Risk of encountering areas of contamination not identified within the information available to date, especially in areas below existing buildings where access constraints have limited investigation, with consequent limitations on material reuse and potential increased disposal costs.

- Potential for radon build up in excavations and enclosed spaces.

These potential risks are mainly associated with the identified areas of made ground. The recommended mitigation measures to address these identified potential risks are summarised as follows:

- Development of health and safety and waste management procedures for work with potentially contaminated soils (including asbestos) and groundwater, to include risk assessment and safe systems of works using PPE (and RPE) as a last resort.

- Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified contamination and ground gas sources.

- Development of a stockpile and materials movement / management plan as part of the CEMP to ensure control and monitoring of excavated materials. Detailed assessment prior to placement to ensure risks are managed.

- Development of a groundwater and surface water monitoring programme during construction and operation to monitor construction and operational effects on quality.

- Development of procedures and incident response plans during construction and operation to control emissions of potentially hazardous substances during transfer and storage.

- Determine appropriate building materials via detailed assessment with respect to ground conditions.

- Implementation of a radon monitoring programme during construction to determine whether a potential risk is present.

1. Introduction

1.1 Purpose of This Report

This Land Contamination Interpretive Report presents a summary of the available information and data relating to land contamination for the Dublin Metrolink project (hereafter referred to as the proposed Project) and provides interpretation relating to the potential risks associated with land contamination to inform the Environmental Impact Assessment (EIA) and project design. This report is intended to supplement the Ground Investigation Report (GIR) (Jacobs IDOM 2022a) and Geotechnical Design Report (GDR) (Jacobs IDOM 2022b) for the project which provide interpretation of physical ground conditions.

1.2 Project Overview

The National Transport Authority's (NTA) Transport Strategy for the Greater Dublin Area, 2016-2035 (The Strategy) identified MetroLink ("the Proposed Project") as the preferred public transport project to address the transport needs of the Swords/Dublin Airport/City Centre corridor. MetroLink is the next phase of Dublin's integrated light rail network, which begins to the north of Swords, and runs southward over the Broad Meadow River and alongside the R132 trunk road and will terminate to the south of Dublin City at Charlemont.

Table 1.1 and Diagram 1.1 provide an overview of the principal infrastructural elements and the four geographical areas (assessment zones, AZ1-AZ4) for the purpose of the EIAR and this report. Diagram 1.2 presents an outline of the main elements of the proposed Construction Phase and Diagram 1.3 presents an outline of the main elements of the Operational Phase of the proposed Project.

Table 1.1: Outline Description of the Principal Project Elements

Project Elements	Outline Description
Permanent Project Elements	
Tunnels	It is proposed to construct two geographically separate, single-bore tunnels, using a Tunnel Boring Machine (TBM). Each section of tunnel will have a 8.5m inside diameter and will contain both northbound and southbound rail lines within the same tunnel. These tunnels will be located as follows: 1. The Airport Tunnel: running south from Dublin Airport North Portal (DANP) under Dublin Airport and surfacing south of the airport at Dublin Airport South Portal (DASP) and will be approximately 2.3km in length; and 2. The City Tunnel: running for 9.4km from Northwood Portal and terminating underground south of Charlemont Station.
Cut Sections	The northern section of the alignment is characterised by a shallow excavated alignment whereby the alignment runs below the existing ground level. Part of the cut sections are open at the top, with fences along the alignment for safety and security. While other sections are "cut and cover", whereby the alignment is covered.
Tunnel Portals	The openings at the end of the tunnel are referred to as portals. They are concrete and steel structures designed to provide the commencement or termination of a tunnelled section of route and provide a transition to adjacent lengths of the route which may be in retained structures or at the surface. There are three proposed portals, which are: • DANP; • DASP; and • Northwood Portal. There will be no portal at the southern end of the proposed Project, as the southern termination and turnback would be underground.
Stations	There are three types of stations: surface stations, retained cut stations and underground stations: • Estuary Station will be built at surface level, known as a 'surface station'; • Seatown, Swords Central, Fosterstown Stations and the proposed Dardistown Station will be in retained cutting, known as 'retained cut stations'; and • Dublin Airport Station and all 10 stations along the City Tunnel will be 'underground stations'.
Intervention Shaft	An intervention shaft will be required at Albert College Park to provide adequate emergency egress from the City Tunnel and to support tunnel ventilation. Following the European Standard for safety in railway tunnels TSI 1303/2014: Technical Specification for Interoperability relating to 'safety in railway tunnels' of the rail system of the European Union, it has been recommended that the maximum spacing between emergency exits is 1,000m. As the distance between Collins Avenue and Griffith Park is 1,494m, this intervention shaft is proposed to safely support evacuation/emergency service access in the event of an incident. This shaft will also function to provide

Project Elements	Outline Description
	ventilation to the tunnel. The shaft will require two 23m long connection tunnels extending from the shaft, connecting to the main tunnel. At other locations, emergency access will be incorporated into the stations and portals or intervention tunnels will be utilised at locations where there is no available space for a shaft to be constructed and located where required (see below).
Intervention Tunnels	In addition to the two main 'running' tunnels, there are three shorter, smaller diameter tunnels. These are the evacuation and ventilation tunnels (known as Intervention Tunnels): 1) Airport Intervention Tunnels: parallel to the Airport Tunnel, there will also be two smaller diameter tunnels; on the west side, an evacuation tunnel running northwards from DASP for about 315m, and on the east side, a ventilation tunnel connected to the main tunnel and extending about 600m from DASP underneath Dublin Airport Lands. In the event of an incident in the main tunnel, the evacuation tunnel will enable passengers to walk out to a safe location outside the Dublin Airport Lands. 2) Charlemont Intervention Tunnel: The City Tunnel will extend 360m south of Charlemont Station. A parallel evacuation and ventilation tunnel is required from the end of the City Tunnel back to Charlemont Station to support emergency evacuation of maintenance staff and ventilation for this section of tunnel.
Park and Ride Facility	The proposed Park and Ride Facility next to Estuary Station will include provision for up to 3,000 parking spaces.
Broadmeadow and Ward River Viaduct	A 260m long viaduct is proposed between Estuary and Seatown Stations, to cross the Broadmeadow and Ward Rivers and their floodplains.
Proposed Grid Connections	Grid connections will be provided via cable routes with the addition of new 110kV substations at DANP and Dardistown. (Approval for the proposed grid connections to be applied for separately but are assessed in the EIAR).
Dardistown Depot	A maintenance depot will be located at Dardistown. It will include: 3) Vehicle stabling; 4) Maintenance workshops and pits; 5) Automatic vehicle wash facilities; 6) A test track; 7) Sanding system for rolling stock; 8) The Operations Control Centre for the proposed Project; 9) A substation; 10) A mast; and 11) Other staff facilities and a carpark.
Operations Control Centre	The main Operations Control Centre (OCC) will be located at Dardistown Depot and a back-up OCC will be provided at Estuary.
M50 Viaduct	A 100m long viaduct to carry the proposed Project across the M50 between the Dardistown Depot and Northwood Station.
Temporary Project Elements	
Construction Compounds	There will be 34 Construction Compounds including 20 main Construction Compounds, 14 Satellite Construction Compounds required during the Construction Phase of the proposed Project. The main Construction Compounds will be located at each of the proposed station locations, the portal locations and the Dardistown Depot Location (also covering the Dardistown Station) with satellite compounds located at other locations along the alignment. Outside of the Construction Compounds there will be works areas and sites associated with the construction of all elements of the proposed Project, including an easement strip along the surface sections.
Logistics Sites	The main logistics sites will be located at Estuary, near Pinnock Hill east of the R132 Swords Bypass and north of Saint Margaret's Road at the Northwood Compound. (These areas are included within the 14 Satellite Construction Compounds).
Tunnel Boring Machine Launch Site	There will be two main tunnel boring machine (TBM) launch sites. One will be located at DASP which will serve the TBM boring the Airport Tunnel and the second will be located at the Northwood Construction Compound which will serve the TBM boring the City Tunnel.

Table 1.2: Geographical Areas

Ref.	Geographical Section	Description of Extent of Geographical Section
AZ1	Northern Section	Estuary Station to DANP. It includes the rail line crossing the Broadmeadow and Ward Rivers and associated flood plains on a viaduct. This section will include open, retained cut and cut-and-cover sections. This section includes the proposed Park and Ride Facility at Estuary Station.
AZ2	Airport Section	This section of the proposed Project includes DANP, the tunnel underneath Dublin Airport, Dublin Airport Station and DASP.
AZ3	Dardistown to Northwood	From south of DASP to the Northwood Portal. This section includes the proposed MetroLink Depot, the M50 Viaduct and the proposed Construction Compound and the TBM launch site at Northwood.
AZ4	Northwood to Charlemont	From south of the Northwood Portal to the tunnel termination location south of Charlemont Station.

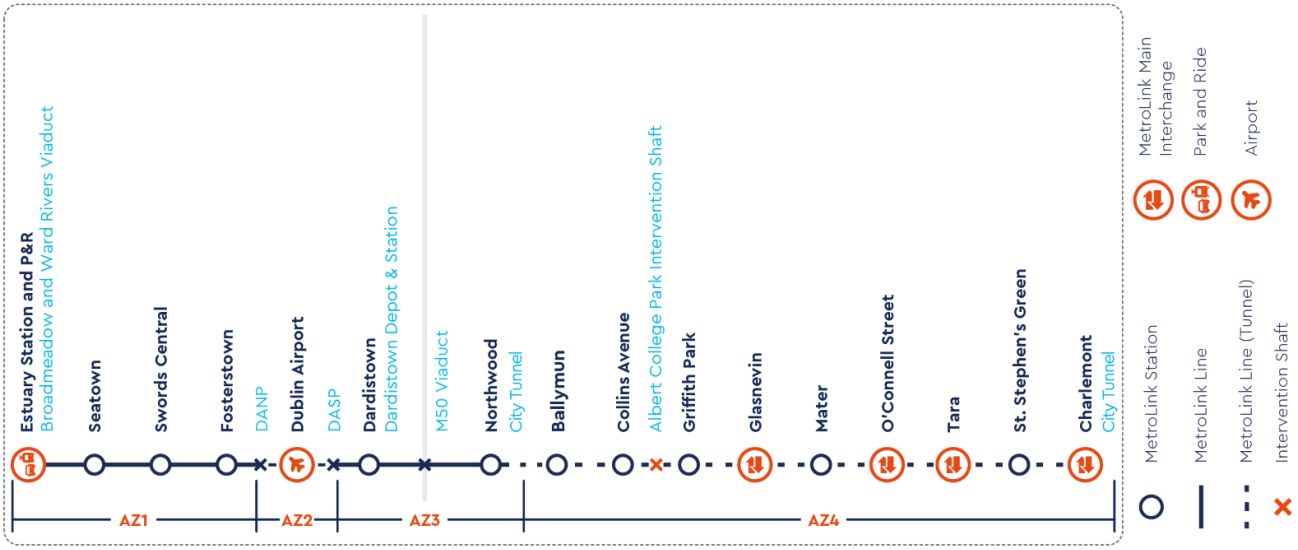

Diagram 1.1: Infographic Overview of Principal Locations along the Alignment

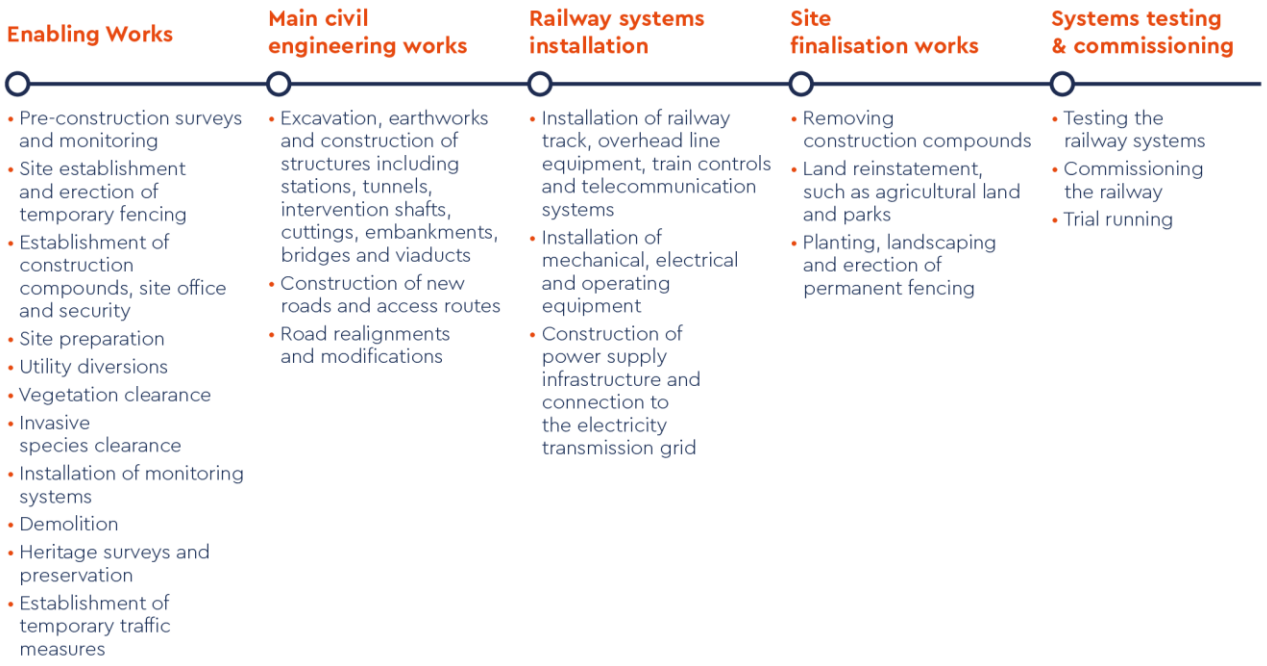

Diagram 1.2: Summary of Key Activities during the Construction Phase of the Proposed Project

Diagram 1.3: Summary of Key Activities during the Operation Phase of the Proposed Project

A Works Area has been defined for the proposed Project based on the footprint / boundary of construction and any areas required for temporary access, site compounds, working platforms and other enabling activities (refer to Figures 20.1 through to 20.15. The assessment within this report is based on this Works Area with the description of baseline ground conditions based on a 250m corridor from the Works Area termed the Study Area. This Study Area is considered a suitable distance to enable description of baseline conditions and allow assessment; in the absence of Ireland specific guidance this has been based on National House Building Council and Environment Agency (EA) guidance (NHBC and Environment Agency (2008). Guidance for the Safe Development of Housing on Land Affected by Contamination R&D66: 2008).

1.3 Report Scope

1.3.1 Scope

The scope of the report includes the following elements:

- Review of available desk study information, including studies undertaken for the Old Metro North scheme and more recent published information relating to ground conditions and regulatory data.
- Review of ground investigation (GI) data from investigations from the Old Metro North scheme and GI and monitoring undertaken between 2019 and 2021 for the Metrolink project (GI Phases 1, 2, 3, 4 and 5), including GI logs and extraction of relevant geochemical data.
- Identification of potential contamination sources relevant to the design, review of relevant pathways and receptors and development of a preliminary Conceptual Site Model (CSM).
- Generic quantitative risk assessment (GQRA) based on the available geochemical soil and water data to aid in identification of potential contaminated land risks and enable an update to the CSM.
- Identification of information gaps and potentially significant contaminated land risks which may present a constraint to the proposed Project.

All information sources are referenced in Section 3.1 and Section 8. Interpretation of physical ground conditions and geotechnical risks is beyond the scope of this report and is undertaken in the GIR (Jacobs IDOM 2022a) and GDR (Jacobs IDOM 2022b) which should be read in conjunction with this report.

1.3.2 Report Contents

The remainder of this report is structured in Sections as follows:

- 2 – Information Sources and Ground Investigation: Provides a summary of the information sources used in the preparation of the report including the ground investigations undertaken.
- 3 – Proposed Project Setting: Review and summary of the current characteristics of the study area.
- 4 – Quantitative Risk Assessment (GQRA): Screening of available geochemical data against generic assessment criteria (GAC) to provide an indication of potential risks to human health and the environment.
- 5 – Preliminary Materials and Waste Assessment: Overview of material excavation according to the Preliminary Design and preliminary assessment of waste classification taking into account material assessed as by-product under Article 27.
- 6 – Updated Conceptual Site Model: Summary of potentially significant pollutant linkages based on the available desk study and GI information.
- 7 – Risk Summary and Recommendations: Summary of potential land contamination risks identified, information gaps and recommendations for future management or mitigation of risks if identified.
- 8 – References.

2. Information Sources and Ground Investigation

2.1 Information Sources

The following sub-sections provide a list of published information, data sources and report references used within the assessment.

2.1.1 Desk Study

- An Foras Talúntais (1980) General Soil Map of Ireland (An Foras Talúntais 1980);
- Historic Mine Sites – Inventory and Risk Classification (EPA and GSI 2009);
- 1:1,000,000 scale – Bedrock Geology of Ireland (GSI 2014);
- 1:500,000 scale – Quaternary Geological Map of Ireland (GSI 2017);
- EPA Radon Map (EPA 2022),
- EPA Interactive Map (EPA 2022a),
- GSI online geology viewer (GSI 2022);
- GeoHive, Ordnance Survey Ireland online spatial data viewer (OSI 2022);
- Teagasc Irish Soil Information System online map (Teagasc 2021);
- Topographic-map.com online viewer (topographic-map 2021);
- Current and historical mapping, and
- SURGE Project, Geochemical Baseline for Heavy Metals and Organic Pollutants in Topsoil in the Dublin Area (GSI 2012).

2.1.2 Regulatory Guidance and Reference Documents

- Towards Setting Guideline Values for the Projection of Groundwater in Ireland (EPA 2003) (a consultation document titled Determining Groundwater Pollution: A proposed approach for the development and application of guideline values for groundwater was issued during January 2017, although a finalised version is yet to be issued);
- Contaminated Land and Risk Assessment: The Basics (EPA 2004);
- Environment Agency, Land Contamination: Risk Assessment (EA 2020);
- BS 10175:2011 + A2:2017 Investigation of potentially contaminated sites. Code of practice (British Standards Institute 2017);
- CIRIA C552 Contaminated Land Risk Assessment: A Guide to Good Practice (CIRIA 2001);
- CIRIA C665 Assessing Risks Posed by Hazardous Ground Gases to Buildings (CIRIA 2007);

- Code of Practice, environmental Risk Assessment for Unregulated Waste Disposal Sites (EPA 2007);
- Guidelines on Procedures for the Assessment and Treatment of Geology, Hydrology and Hydrogeology for National Road Schemes (NRA 2009);
- Guidance on the management of contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013);
- Waste Management Acts 1996, as amended;
- Transport Infrastructure Ireland, The Management of Waste from National Road Construction Projects (TII 2017);
- Environmental Protection Agency, Towards Setting Guideline Values for the Protection of Groundwater in Ireland (EPA 2003b) (a consultation document titled Determining Groundwater Pollution: A proposed approach for the development and application of guideline values for groundwater was issued during January 2017, although a finalised version is yet to be issued);
- Guidelines for the Management of Waste from national Road Construction Projects (NRA 2014), and
- Guidance on Waste Acceptance Criteria at Authorised Soil Recovery Facilities (EPA 2020).

2.1.3 Proposed Project Specific Ground Investigations and Reports

Five phases of ground investigation have been undertaken specifically for the proposed Project to inform assessment of ground conditions both from a geotechnical design perspective and to inform the Soils and Geology assessment, summarised as follows:

- Metro Link Phase 1 Ground Investigation, Factual Report (Causeway 2019);
- Metro Link Phase 2 Ground Investigation, Factual Report (Causeway 2020a);
- Metro Link Phase 3 Ground Investigation, Factual Report (Causeway 2020b);
- Metro Link Phase 4 Ground Investigation, Factual Report (Causeway 2020c); and
- Metro Link Phase 5 Ground Investigation, Factual Report (Causeway 2021).

The following proposed Project specific assessments and reports have also been completed:

- Metro Link, Ground Investigation Report (Jacobs IDOM 2022a); and
- Metro Link, Geotechnical Design Report (Jacobs IDOM 2022b).

2.1.4 Supporting Reports and Ground Investigation

A list of historic published reports and ground investigations used in this report is detailed below. A number of these were undertaken for previous iterations of the project (Dublin Metro North); it should be noted that proposed design has changed considerably since these investigations took place and only information relevant to the current design has been included. In addition, information from ground investigations and reports from developments not related to the proposed Project have been included where relevant.

- Geotechnical Desk Study, City Centre and Airport (Haswell 2002);
- Identification of Possible Areas of Contamination and Proposals for Location of Soils and Geology Monitoring Points for Metro North (AWN Consulting, 2007)
- Dublin Metro North Alignments Study, Geotechnical Interpretive Report (Section 1 to 6) (Parsons Brinckerhoff 2007);
- Environmental Impact Statement – Metro North. Railway Procurement Agency, 2008 (RPA 2008);
- Dublin Metro North, Technical Note 023, Desk Study Review B0307000-010/GEO.360/002/1 (Jacobs 2008a);
- Dublin Metro North, Reference Ground Conditions Report for Information (B0307000-010/GEO.28/007/1) (Jacobs 2008b);
- SURGE Project, Geochemical Baseline for Heavy Metals and Organic Pollutants in Topsoil in the Dublin Area (GSI 2012);
- Northern Cross Route Phase 2, Site Investigation Data Volume 1 (Dublin City Council 1992);
- Dublin Light Railway, Sandyford to Ballymun Line Tunnel Link Between St Stephen's Green and Broadstone, Factual Report Volumes 1 and 2 (Wimtec 2000);
- Mater & Children's Hospital Ground Investigation (Phase II) – Main Site, Ground Investigation Report (IGSL 2002a);
- Site Investigation Works for the Proposed Dublin Light Rail Track, Draft Ground Investigation Report (Factual) (IGSL 2002b);
- Dublin Metro North (Preliminary) Ground Investigation, Factual Ground Investigation Report (IGSL 2007);
- Dublin Metro North, Main Ground Investigation – Sections 6 & 7 (Norwest Holst 2008);
- Dublin Metro North, Main Ground Investigation, Ground Investigation Report (IGSL 2008);
- Mater Stop – Additional GI, Dublin (Norwest Holst 2009);
- Metro North – Mater to Parnell, Geotechnical Site Investigation Report (IGSL 2010); and
- Metro North Depot, Dardistown, Dublin, Factual Report on Ground Investigation (Soil Mechanics 2011).

The available GI information is further summarised in Section 2.2.

2.2 Ground Investigation

A list of the ground investigation locations used in this assessment is included as Appendix A. Details of the individual ground investigations are summarised in the following sub-headings. Locations of the exploratory locations are shown on Figure 20.6.

2.2.1 IGSL 1995

This investigation was intended to characterise ground conditions on the proposed Dublin Light Railway between St Stephen's Green and Sandyford. The ground investigation comprised the following:

- 39 no. boreholes sunk via cable percussion to depths of up to 13.7mbgl; and
- In-situ and laboratory geotechnical testing.

2.2.2 Wimtec 2000

This investigation was intended to evaluate ground conditions on the route of the proposed Dublin Light Railway Sandyford to Ballymun line, including:

- 43 no. boreholes sunk via cable percussion, rotary open hole & rotary core methods;
- Installation of standpipe piezometers within 5 No. boreholes;
- In-situ and laboratory geotechnical testing;
- Groundwater level monitoring and in-situ permeability testing; and
- 13 no. soil sampling and laboratory geochemical analysis.

2.2.3 IGSL 2002a

Investigation to support development of Mater hospital comprising demolition of existing buildings and construction of a six-storey building with a basement. The GI work undertaken included:

- Formation of 11 no. cable percussion boreholes to up to 14.2mbgl;
- Advancement of 2 no. Geobore S rotary core boreholes;
- Mechanical excavation of 15 no. trial pits;
- Installation of standpipe piezometers within boreholes;
- In-situ and laboratory geotechnical testing; and
- Groundwater level monitoring and in-situ permeability testing.

2.2.4 IGSL 2002b

Investigation of the location of a proposed substation at O'Connell Street for the Dublin Light Rail Track project. The GI work undertaken included:

- Formation of 2 no. cable percussion boreholes to up to 14.2mbgl;
- Advancement of 2 no. rotary core boreholes; and
- In-situ and laboratory geotechnical testing.

2.2.5 IGSL 2007

This investigation was undertaken for the proposed Old Metro North scheme. The GI work undertaken comprised:

- 58 no. boreholes sunk via cable percussion and rotary methods up to 54.60mbgl;
- In-situ and laboratory geotechnical testing; and
- Groundwater level monitoring and in-situ permeability testing.

2.2.6 IGSL 2008

This investigation was undertaken for the proposed Dublin Metro North Line from St Stephens Green to Lissenhall. The ground investigation comprised:

- 67 no. cable percussion boreholes with 62 no. rotary follow on up to 40.7mbgl;
- In-situ and laboratory geotechnical testing;
- Groundwater and gas monitoring;
- 44 no. soil samples for chemical testing and 5 no. groundwater samples for chemical testing;

2.2.7 Norwest Holst 2008

This investigation was undertaken to determine the ground and groundwater conditions along the route of the proposed light rail public transport system between St Stephens Green and Ballymun Road. The ground investigation comprised:

- 42 no. cable percussion boreholes with 21 no. rotary follow on to up to 60.25mbgl;
- 4 no. trial pits;
- In-situ and laboratory geotechnical testing;
- Gas and groundwater monitoring; and
- 20 no. soil samples for chemical testing.

2.2.8 Norwest Holst 2009

This investigation was undertaken on the site of the Mater Hospital for the proposed Dublin Metro North project. The ground investigation comprised:

- 5 no. rotary boreholes to 16.91mbgl;
- In-situ and laboratory geotechnical testing;
- In-situ permeability testing;
- Gas and groundwater monitoring; and
- 15 no. soil chemical testing and 8 no. groundwater chemical testing.

2.2.9 IGSL 2010

This investigation was undertaken for the proposed Dublin Metro North Line from St Stephens Green to Lissenhall. The ground investigation comprised:

- 14 no. cable percussion boreholes with 9 no. rotary follow on to up to 40.5mbgl;
- In-situ and laboratory geotechnical testing;
- Groundwater level monitoring; and
- 4 no. soil samples for chemical testing.

2.2.10 Soil Mechanics 2011

This investigation was undertaken on the site of the proposed Metro North Depot in Dardistown. The ground investigation comprised:

- 4 no. cable percussion boreholes and 1 no. rotary borehole to 20.25mbgl;
- 10 no. trial pits to 4mbgl;
- 4 no. trial pits to 3mbgl for infiltration tests;
- In-situ and laboratory geotechnical testing; and
- 6 no. soil samples for chemical testing, 3 no. groundwater samples for chemical testing and 6 no. soil samples for leachate chemical testing.

2.2.11 Ground Investigations Ireland 2018

The investigation was undertaken on the site of the proposed New Metro North Line in the Griffith Park and Dardistown area. The ground investigation comprised:

- 2 no cable percussion boreholes and 4 no. rotary boreholes to 35.4mbgl;
- Groundwater monitoring;

- In-situ and laboratory geotechnical testing; and
- 2 no. soil samples for chemical testing and 4 no. groundwater samples for chemical testing.

2.2.12 Causeway Phase 1 2019

The Phase 1 GI was undertaken to inform the preliminary design and Environmental Impact Assessment for the proposed Project. The GI was undertaken throughout the whole area of the proposed Project and comprised:

- 3 no. cable percussion boreholes and 48 no. rotary boreholes to up to 50mbgl;
- In-situ and laboratory geotechnical testing;
- Groundwater monitoring and in-situ permeability testing;
- 59 no. soil samples for chemical testing and 9 no. groundwater samples for chemical testing; and
- 33 no. soil samples for Waste Acceptance Criteria (WAC) testing.

2.2.13 Causeway Phase 2 2019 – 2020

The phase 2 GI was also undertaken with coverage across the proposed Project to inform the preliminary design and EIA for. The GI comprised:

- Completion of 26 no. rotary boreholes;
- Completion of 4 no. sonic boreholes;
- Installation of 38 no. monitoring standpipes;
- 8 no. variable head permeability tests and 32 no. packer / lugeon tests;
- 5 no. machine excavated trial pits;
- 3 no. soakaway tests;
- Groundwater monitoring;
- In-situ and laboratory geotechnical testing;
- 51 no. Soil samples for chemical testing; and
- 26 no. soil samples for WAC testing.

2.2.14 Causeway Phase 3 2020

The third phase of investigation was undertaken to inform the preliminary design and EIA for the proposed Project in the Swords area. The GI comprised:

- Completion of 8 no. rotary boreholes;
- Installation of 11 no. monitoring standpipes;

- 3 no. pumping tests and groundwater monitoring;
- In-situ and laboratory geotechnical testing;
- Groundwater monitoring and in-situ permeability testing;
- 17 no. soil samples for chemical testing; and
- 9 no. soil samples for WAC testing.

2.2.15 Causeway Phase 4 2020

The fourth phase of investigation was undertaken to inform the preliminary design and EIA for the proposed Project in the Glasnevin area. The GI comprised:

- Completion of 24 no. dynamic (windowless) boreholes;
- Mechanical excavation of 12 no. trial pits;
- 45 no. retaining wall and arch cores;
- Vacuum excavation of 14 no. foundation pits and 2 no. inspection pits;
- Groundwater monitoring;
- In-situ and laboratory geotechnical testing;
- Groundwater sampling and in-situ permeability testing;
- 73 no. soil samples for chemical testing; and
- 29 no. soil samples for WAC testing.

2.2.16 Causeway Phase 5 2021

The phase 5 GI was undertaken under the design of Arup to provide data for the Article 27 application to the EPA (prepared by Arup), and included GI throughout the proposed Project. The GI comprised:

- Completion of 5 no. light cable percussion boreholes;
- Completion of 29 no. light cable percussion boreholes with rotary follow-on;
- Completion of 25 no. rotary boreholes;
- Completion of 3 no. sonic boreholes;
- Completion of 12 no. dynamic (windowless) boreholes;
- Installation of 19 no. monitoring standpipes;
- Hand excavation of 5 no. inspection pits;
- Mechanical excavation of 51 no. trial pits;

- 4 no. samples of a stockpile in Huntstown Quarry;
- Groundwater monitoring;
- In-situ and laboratory geotechnical testing;
- Groundwater sampling and in-situ permeability testing;
- 382 no. soil samples for chemical testing; and
- 355 no. soil samples for leachability testing.

2.2.17 Causeway Phase 5B 2021

The Phase 5B GI was undertaken under the design of Arup to provide geo-environmental data to support the design of a proposed substation on a section of greenfield approximately 1km north of Dublin Airport bounded by Naul Road to the south and the R132 to the east. The GI comprised:

- Completion of 2 no. rotary boreholes;
- Completion of 8 no. dynamic (windowless) boreholes;
- Hand excavation of 2 no. inspection pits;
- Mechanical excavation of 8 no. trial pits;
- In-situ and laboratory geotechnical testing;
- 20 no. soil samples for chemical testing; and
- 10 no. soil samples for WAC testing.

2.3 Groundwater and Ground Gas Monitoring

In addition, to the limited amount of groundwater and ground gas monitoring data available from the supporting GI information, up to five groundwater and ground gas monitoring rounds (including groundwater sampling and laboratory analysis) were undertaken on selected phase 1 to 5 monitoring installations between February and March 2022. Groundwater monitoring data is available for a total of 87 no. locations, and a total of 23 no. locations for ground gas. Groundwater and ground gas monitoring locations are summarised in Appendix B.

3. Proposed Project Setting

3.1 Methodology and Regional Overview

The description of the proposed Project setting has been split according to the AZs summarised in Section 1.2, described from north to south. The information in this section has been derived from the available information detailed in Section 2 comprising published regulatory information, reports / assessments and ground investigation data. The following sub-sections provide further detail of the information sources used and regional overview and are followed by the AZ description of the proposed Project setting.

3.1.1 Topography

Information on topography has been derived from a combination of available online data (OSI 2022, Topographic-map 2022), site reconnaissance and level data from the various stages of ground investigation.

The northern extent of the study area is near the Malahide Estuary, adjacent to the Broad Meadow River with a low elevation of around 7mAOD. The topography rises to high of approximately 70mAOD within the vicinity of Dublin Airport, then with minor local variations reduces to sea level at the River Liffey crossing. To the south of the River Liffey, ground levels rise to around 20mAOD in the vicinity of Charlemont. Surface gradients are generally gentle, with small areas of higher gradients generally associated with river features.

3.1.2 Geomorphology

Geomorphology information has been primarily obtained from online GSI data (GSI 2022). The morphology along the alignment is shaped principally from glacial activity, with most of the glacial sediments in the vicinity of the proposed Project being deposited during the last glaciation and subsequent fluvial processes within the vicinity of watercourses (GSI 2022). The glacial features encountered are typically linear and oriented north west to south east (refer to Figure 20.2).

3.1.3 Soils and Superficial Geology

The soils and superficial geology information has been obtained from paper and online mapping, previous assessments and ground investigations as detailed in Section 3. Overall soil conditions along the proposed Project comprise Grey Brown Podzolics, a mainly dry mineral soil comprising associated Gleys (An Foras Talúntais 1980). The Quaternary Geological Map of Ireland (GSI 2017) and GSI online maps (GSI 2022) suggest the subsoils primarily consist of till derived from limestone along with areas of alluvium and limestone derived gravels. The till is generally low permeability and cohesive apart from subordinate (although locally extensive) granular horizons, with high strength and low compressibility (Parsons Brinkerhoff 2007). Within Dublin these deposits are colloquially known as the black and brown boulder clays; the brown boulder clays are thought to be a weathered version of the underlying black boulder clay and typically have thicknesses of up to 4m. Total boulder clay thicknesses (black and brown boulder clay) in the region of the proposed Project are variable and have been recorded with thicknesses in excess of 30m.

The soil associations found within the study area are shown on Figure 20.1, and distributions of Quaternary sediments are shown on Figure 20.3.

3.1.4 Bedrock Geology

Geological maps (GSI 2014, GSI 2022) indicate that the regional bedrock geology comprises Carboniferous Tournasian limestone, and Viséan limestone and calcareous mudstone. The heavily faulted older Tournasian rocks are primarily present towards the north and include the Tober Colleen and Malahide formations, and the Waulsortian limestones. The Viséan limestone and calcareous mudstone of the Lucan Formation are primarily present south of the M50. The regional bedrock setting is shown on Figure 20.4.

Malahide Formation

The Carboniferous Malahide Formation comprises argillaceous bioclastic (fossiliferous) limestone with interbedded shale; the lower part of this formation is composed of calcareous shales, siltstones and sandstones with occasional thin limestones at the base. Thicknesses of the Malahide formation are recorded from 300m to more than 1200m (GSI 2022, RPA 2008).

Waulsortian Limestones

The Carboniferous Waulsortian Limestone is a predominantly pale grey, crudely bedded or massive lime-mudstone, biomicritic in nature with distinctive stromatactis and generally formed mounds or reefs. The Waulsortian Limestones are generally dolomitised and have a typical thickness ranging 300-500m (GSI 2022, RPA 2008).

Tober Colleen Formation

The Tober Colleen Formation is generally described as dark-grey calcareous, commonly bioturbated mudstone and subordinate thin argillaceous micritic limestones. The lower levels of this formation can include reef derived debris and large slumped reef blocks. The thickness of Tober Colleen Formation is recorded to range from 50m to 250m (GSI 2022, RPA 2008).

Lucan Formation

The Lucan (Calp) Formation refers to various units of basinal limestone and shale formed from carbonate sediment deposits. The Lucan Formation consists of muddy limestone beds inter-bedded with calcareous shale beds. The limestone beds are dark grey to black, fine grained, occasionally cherty and are classified as strong to very strong. Pyrite has also been recorded. Analysis of thin sections for the Dart Underground EIS (Irish Rail 2010) indicated pyrite concentrations ranging from <0.5% to 5% with detects in the majority of samples, with wide variation between close samples and no regional trends evident. Occasional exceptionally high concentrations of 10 to 40% were identified typically associated with lithology contact surfaces. The limestone hosts some limited fossils, such as corals and brachiopods, locally. The shale beds are less substantial and dark grey to black in appearance. These are typically moderately strong and more susceptible to weathering than the limestones. The typical thickness of the Lucan Formation is 300-800m. The bedrock surface is highly irregular with incised drainage channels including a large pre-glacial channel north of the River Liffey (GSI 2020, RPA 2008, Parsons Brinkerhoff 2007).

3.1.5 Hydrology

The majority of the Study Area is located within the Liffey and Dublin Bay Catchment (Water Framework Directive (WFD) Catchment ID 09). North of Dublin Airport, the Study Area is located within the Nanny Delvin Catchment (WFD Catchment ID 08). Watercourse flow is generally in an ESE direction. Further detail on the watercourses within each AZ is included in Sections 3.2 to 3.5.

3.1.6 Hydrogeology

The groundwater bodies within the study area have been designated WFD management units (GSI 2022). The study area falls within the Swords and Dublin groundwater bodies, which are both classified as Poorly Productive Bedrock. Smaller areas around Swords and Dublin Airport are designated as Industrial Facilities and classified as Poorly Productive Bedrock.

The GSI has classified the bedrock aquifers according to the characteristics and productivity (GSI 2022). The majority of the study area is classified as a LI (Locally Important Aquifer - Bedrock which is Moderately Productive only in Local Zones). Areas around Swords and Dublin Airport are classified as a PI (Poor Aquifer - Bedrock which is Generally Unproductive except for Local Zones).

The bedrock and superficial geology summarised in the following Sections influences the overall groundwater vulnerability (GSI 2022). The study area is largely classified as Low potential (in terms of groundwater volumes), with areas up to Very High potential around Swords, Dublin Airport and Dublin City Centre.

Groundwater levels have been collected from boreholes installed during the Phase 1 to 5 ground investigation works, groundwater levels and ranges for each AZ are described in the following sections.

3.1.7 Current and Historical Mining Sites

Available information does not indicate any active or historic mines within the Study Area.

Several historic gravel pits and quarries have been noted on the available historic mapping. There is also the potential that localized small-scale quarrying has taken place that is not shown on historic mapping. Quarried materials are likely to have comprised sand, gravel and limestone. Records indicate that there are no active quarries, sand pits or gravel pits within the study area.

3.1.8 Radon and Ground Gas

Radon is a naturally occurring radioactive gas which originates form the decay of uranium in rocks and soils. It is colourless, odourless and tasteless. As radon decays, radiation is given off in the form of alpha particles. After inhalation, the alpha particles are absorbed by the lungs and cause localized damage, which can lead to lung cancer.

Radon can accumulate in enclosed or poorly ventilated spaces in contact with the sub-surface, such as the ground floors of buildings and houses, and tunnels. The receptors to radon in relation to the proposed Project are construction and maintenance workers, future site users and adjacent residents.

Radon concentration is measured in becquerels per cubic metre of air (Bq/m^3). The Becquerel is a unit of radioactivity and corresponds to one radioactive disintegration per second.

The Radiological Protection Institute of Ireland (RPII), part of the EPA, has issued information and guidance on radon (EPA 2019a and EPA2019b). The reference level for long-term exposure to radon in a house, above which the need for remedial action should be considered, is $200Bq/m^3$ (determined in accordance with the RPII's standard protocol), while in a workplace a reference level of $300Bq/m^3$ is applicable. Based on current knowledge it is estimated that in Ireland, for the population as a whole, a lifetime exposure (i.e. 70 years) to radon in the home at the Reference Level of $200Bq/m^3$ carries a risk of about 1 in 50 of contracting fatal lung cancer.

Radon risk is determined by the percentage of homes in a given area that are estimated to be above the $200Bq/m^3$ Reference Level. The online Radon Map of Ireland (EPA 2022) has recently been updated (26 May 2022). The revised version contains more local detail on the likely risks than the previous map, which was based on classification of 10km squares. Both the current version and old versions of the map have been used to provide

an indication of the level of risk associated with the scheme (refer to Figure 20.12). These maps have been used to provide an indication of the level of risk associated with the proposed Project. Areas of high radon potential are generally located to the west and south east of Ireland, with lower potential generally present within the area of Dublin. Radon monitoring has not been undertaken within the supporting or project specific GI.

'Ground gas' refers to gases such as carbon dioxide, methane, carbon monoxide and hydrogen sulphide which can occur naturally and from anthropogenic sources. Volatile and semi-volatile organic compounds (VOCs/SVOCs) within the ground can produce potentially harmful vapours. Typical sources of ground gases and vapours include:

- Methane, carbon dioxide, carbon monoxide and hydrogen sulphide from breakdown of organic materials in the sub-surface from natural sources such as wetlands, peat and alluvium and anthropogenic sources such as landfills;
- Vapours from anthropogenic sources such as landfills or spillages/improper disposal of volatile materials such as petrol, oils or solvents;
- Methane, carbon dioxide, carbon monoxide and hydrogen sulphide from coal measures; and
- Carbon dioxide from carbonate-rich soils or bedrock.

Issues arising from the presence of ground gases are usually due to an accumulation or release of gas or vapours in an enclosed or confined space. Hazards associated with ground gases and vapours include:

- Explosion/flammability (methane, hydrogen sulphide, VOCs/SVOCs);
- Asphyxiation (methane, carbon dioxide, carbon monoxide); and
- Toxicity (carbon monoxide, hydrogen sulphide, VOCs/SVOCs).

Ground gas is considered in Section 4 based on the proposed Project specific GI data.

3.1.9 Contaminated Land

Potential areas of land contamination have been identified via a review of the available information as detailed in Section 2, including:

- Historical and current published maps;
- 2008 EIAR (RPA 2008);
- Ground investigation reports and previous assessments; and
- Consultation information.

As part of the risk-based approach to assessing the potential risk from contaminated land mandated by the EPA (EPA 2013, EPA 2007, EA 2020) a Conceptual Site Model (CSM) for the proposed Project has been developed to describe the relationships between potential contamination sources, receptors that could be affected by contaminants and the potential linking pathways. The presence of a contamination source does not automatically infer a risk; without the three components of a source, a receptor and a linking pathway a viable or complete pollutant linkage is not present and therefore a risk is not present.

The potential receptors, exposure pathways and pollutant linkages which may be present during both construction and operation of the proposed Project are summarised in the preliminary CSM presented in Appendix C. this preliminary CSM has been used as the basis for the land contamination risk assessment. Potential sources of contamination that could potentially affect the proposed Project have been identified for each AZ as detailed in Sections 3.2 to 3.5 and Figure 20.6 based on a review of the available information.

The preliminary CSM presented in Appendix C has been used as a basis for a contaminated land risk assessment. The methodology and the review of the identified potential contamination sources is included in Appendix D.

3.2 AZ1 - Northern Section

3.2.1 Topography

The ground elevation at the northernmost extent of the proposed Project is generally in the range of 3-9mAOD within the vicinity of Estuary Station with the lowest elevations recorded around Broad Meadow Water. Elevations gradually increase to the south, recorded around 10-20mAOD in the Swords area and 44-48mAOD in Fosterstown North. At the far southern extent of AZ1 at the location of the north portal for the Dublin Airport tunnel elevations increase sharply to 58-61mAOD.

3.2.2 Geomorphology

Near the northern extent of the AZ1 a glacial meltwater channel and Glaciofluvial Terraces are present associated with the Broad Meadow River. A Subglacial Lineation (Drumlin) is present where the alignment crosses the R132 at Nevinstown, and a Mega Scale Glacial Lineation is present between the Naul Road and the Dublin Airport terminal buildings. The Sluice River System Glacial Meltwater Channel and Glaciofluvial Terraces are present just to the north of Naul Road.

3.2.3 Soils and Superficial Geology

The principal soil group along the northern extent of AZ1 is the Elton association (Teagasc 2021), a fine loamy drift with limestones to depths >0.8m, categorised with moderate drainage potential, comprising six soil series (Elton, Dunboyne, Howardstown, Straffan, Kilrush and Rathowen). Smaller soil groups in AZ1 include: Crosstown association (a fine loamy drift with siliceous stones with depths from 0.4-0.8m); River alluvium association (comprising various textures of alluvium to depths >0.8m, mainly within the vicinity of Broad Meadow Water); Marine alluvium association (comprising various textures of alluvium to depths >0.8m, located in the vicinity of Malahide Estuary); Tidal Marsh (to the east, adjacent to Malahide Estuary); and Urban Soils with an undefined composition (within Swords and the boundary of Dublin Airport).

Geological mapping (GSI 2017, GSI 2022) indicates that the underlying subsoils along this section mainly comprise till derived from limestones (generally described as ‘tightly packed, unsorted, unbedded, glacial deposits possessing many different particle sizes with commonly sharp, angular to sub-angular clasts’). Areas of alluvium, gravels derived from limestones and estuarine silts and clays are indicated adjacent to the Broad Meadow River near Estuary, adjacent to Fosterstown and adjacent to the airport tunnel north portal. Lacustrine sediments are also indicated at the Pinnockhill roundabout.

An index of borehole information used to obtain information on the soil and superficial geology of AZ1 is included as Appendix A. Geological cross sections of station locations are included as Appendix I, in addition to which geological long sections of the whole proposed Project have been prepared with the GIR (refer to Drawing ML1-JAI-GEO-ROUT_XX-DR-Y-00013 sheets 0 to 27).

Where encountered during ground investigation topsoil was generally recorded at 0-0.40m below ground level (bgl).

Made ground is present in numerous exploratory locations and is primarily associated with the locations of road alignments and previous development within the urbanised area of Swords and Fosterstown. Where encountered, made ground was generally recorded at depths of around 0-1.2mbgl with the exception of 6 no locations in the vicinity of the R132 road. Borehole location NBH402 north of Seatown encountered made ground to a depth of 2.5mbl; ABH08, located near a motor breaking yard (potential source C31), and trial pits completed near Fingallians GAA Club (ATP04, ATP04A) and North Dublin Corporate Park (ATP10, ATP11) encountered made ground to depths of 3.8mbgl, 1.8mbgl, 2.5mbgl, 1.9mbgl and 4.6mbgl respectively. Encountered made ground was described as sandy gravelly clay with gravel and/or cobbles, which has been interpreted mainly as reworked natural ground. In some locations, inclusions of brick, pottery, concrete, metal, plastic and/or wood were found, no obvious unusual discolouration, oil sheens or odours were noted. It should be noted that data are not available for the car dismantler yard (C46).

Ground investigation information indicates superficial deposit thicknesses of between around 2m up to in excess of 30m. Thicknesses are generally lower towards the north, at Estuary and the northern extent of Swords with greater depths towards the south and the approach to the airport tunnel north portal, with a maximum depth just to the south of Fostertown Station (BH65).

From the northern extent of AZ1 to Estuary Roundabout, the superficial deposits comprise sandy gravelly clays and sands and/or gravels with cobbles to depths of 3-9mbgl. From Estuary Roundabout to the proposed Seatown Station superficial deposits comprise sandy gravelly clay to 1-4mbgl. From the proposed Seatown Station to Pinnock Hill Roundabout the superficial units were recorded up to 10-14mbgl and described as sandy gravelly clay with occasional cobbles interbedded with sands and gravels with cobbles and some boulders. A greater proportion of sandy gravelly clay is recorded from the Pinnock Hill Roundabout to the southern end of AZ1. Clasts within the clay are primarily of limestone with some sandstone and chert.

3.2.4 Bedrock Geology

The bedrock geology relevant to AZ1 is summarised in Table 3.1.

Table 3.1: Summary of bedrock strata (AZ2)

Location	Formation(s)	Description
AZ1	Malahide Formation	Argillaceous bioclastic limestone, shale. Present throughout this alignment section. North west – south east fault indicated near the north of swords and south west – north east trending anticlinal axis in the Fostertown area.

Malahide Formation

The Carboniferous Malahide Formation comprises argillaceous bioclastic (fossiliferous) limestone with interbedded shale; the lower part of this formation is composed of calcareous shales, siltstones and sandstones with occasional thin limestones at the base. Thicknesses of the Malahide formation are recorded from 300 m to more than 1200 m (GSI 2019, RPA 2008). The Malahide Formation is present beneath the superficial deposits throughout AZ1. A north west – south east trending fault is indicated near the north of Swords and a south west – north east trending anticlinal axis is mapped in the Fosterstown area.

The Malahide Formation is generally recorded as moderately strong bedded dark grey or black argillaceous and sometimes fossiliferous limestone. The limestone is interbedded with moderately strong to weak dark grey or black calcareous mudstone. In some locations the limestone and mudstone are distinct beds and in others they are recorded as interbedded or interlaminated. As detailed in Section 3.2.3 rockhead depth varies between around 2m up to in excess of 30m. Thicknesses are generally lower towards the north, at Estuary and the northern extent

of Swords with greater depths towards the south and the approach to the airport tunnel north portal, with a maximum depth just to the south of Fostertown Station (BH65).

3.2.5 Hydrology

Watercourses recorded in AZ1 are summarised in Table 3.2.

Table 3.2: Watercourses Within AZ1

Watercourse Name	Location
Staffordstown	300m north east of Ch 1000
Broadmeadow River	Crosses proposed alignment at Ch 1540
Ward River	Crosses proposed alignment at Ch 1640
Seapoint	230m north east of Ch 2640
Greenfields	90m east of Ch 3120
Gaybrook	230m east of Ch 5140
Sluice	Crosses proposed alignment at Ch 5960

3.2.6 Hydrogeology

The bedrock in AZ1 is classified by the GSI as a LI (Locally Important) aquifer. The area to the north of Ch 2400 and between Ch 3600 and Ch 4900 is designated under the WFD as the Swords Aquifer. Between Ch 2400 and Ch 3600 and Ch 4900 and Ch 5900 the area is designated under the WFD as the Dublin Aquifer. The areas to the west of Ward River and between Ch 5900 and the southern end of the AZ1 are classified under the WFD as Industrial Facilities (P0014-03 and P0480-02 respectively).

The majority of AZ1 is classified as low aquifer vulnerability with the following exceptions:

- The area to the north of Ch 1760 classified as moderate to high vulnerability, and the far north west as extreme vulnerability);
- An area to the west of the proposed Seatown Station associated with the Ward River is shown as moderate to extreme vulnerability; and
- The area between Ch 5700 and the southern boundary of AZ1 is classified as moderate to high vulnerability.

Three groundwater abstractions are located approximately 400m west of Ch 3200. One abstraction is recorded approximately 300m east of Ch 4960.

Groundwater levels measured in monitoring standpipes are summarised in Table 3.3.

Table 3.3: Summary of Measured Groundwater Levels (AZ1)

Monitoring Well ID	Ground Elevation	Dates of Level Monitoring	Level Range (mbgl)	Level Range (mAOD)
NBH401	7.64	25 Jan - 21 May 2021	2.91 - 4.33	4.73 - 3.32
NBH402	7.54	25 Jan - 21 May 2021	2.74 - 4.17	4.80 - 3.37
NBH403-S	7.14	25 Jan - 21 May 2021	2.55 - 3.97	4.59 - 3.17
NBH406	11.73	25 Jan - 21 May 2021	4.19 - 5.00	7.54 - 6.73
NBH408	9.68	25 Jan - 21 May 2021	3.43 - 4.28	6.25 - 5.41

3.2.7 Current and Historical Mining Sites

The historic gravel pits and quarries identified in AZ1 by the desk study are summarised in Table 3.4, with locations shown on Figure 20.6. Further details of the available information on these features are presented in the review of potential contamination sources in Appendix D.

Table 3.4: Historic mineral extraction sites within the Study Area (AZ1)

Source ID	Description	Dates Present	Approximate location
C2	Historic Quarry	1837-1864	55m NW of Works Area
C12	Multiple Historic Gravel Pits	1937	30m N of Works Area
C13	Historic Gravel Pit	1837-1842	60m WNW of Works Area
C15	Historic Gravel Pit	1837-1842	Within Works Area
C16	Historic Gravel Pit	1888-1913	Within Works Area
C24	Historic Quarry	1837-1864	180m WNW of Works Area
C25	Multiple Historic Gravel Pits	1937	195m ESE of Works Area
C41	Historic Gravel Pit	1837	100m NNW of Works Area
C42	Historic Gravel Pit	1837	125m NW of Works Area

3.2.8 Radon

The pre 2022 online Radon Map of Ireland indicates that AZ1 is entirely within the lowest classification of radon potential (<1% of homes above reference levels). The updated map indicates that the majority of AZ1 lies within the lowest classification of radon potential (about 1 in 20 homes likely to have high radon levels), while small areas around the Broad Meadow Water and just north of Naul Road are in the second highest classification (about 1 in 10 homes likely to have high radon levels).

3.2.9 Contaminated Land

Potential contamination sources identified by a review of the available documentary and GI information are presented in Appendix D with locations shown on Figure 20.6. The majority of these potential sources are outside the Works Area and / or have a minor or mild assessed severity with no specific linked instances of made ground or contamination identified. Sources considered to have potential to affect the route include a sewage works (C14), historic gravels pits (C15 and C16), a petrol station (C45) and a car dismantlers yard (C46).

As summarised in Section 3.2.3 made ground has been identified in several parts of the Works Area, mostly associated with general urban made ground, road sub-base and re-worked natural subsoils rather than being

specifically associated with the sources identified above. Anthropogenic material, generally inert in nature (brick, pottery, concrete, metal, plastic and/or wood) was found within some areas of made ground.

The assessment of land contamination based on the available GI data is included in Section 4.

3.3 AZ2 - Airport Section

3.3.1 Topography

Ground elevations at the northern portal (northern extent of AZ2) rise steeply from around 45mAOD (a local topographic low associated with a former meltwater channel) to 62-64mOD at Naul Road. The topography gently rises to around 67mAOD in the vicinity of the airport complex, then gently falls away to around 60mAOD at the southern extent of AZ2 at the south portal

3.3.2 Geomorphology

No geomorphological features of interest are indicated within AZ2.

3.3.3 Soils and Superficial Geology

Urban soils with an undefined composition are indicated directly below the footprint of Dublin Airport (Teagasc 2021). Outwith the footprint of the airport, soils are recorded as the Elton association, comprising a fine loamy drift with limestones to depths of >0.8m. The Elton Association is comprised of six soil series (Elton, Dunboyne, Howardstown, Straffan, Kilrush and Rathowen) and has a moderate drainage potential.

Geological maps indicate that the underlying subsoils within the footprint of the airport comprise till with an area of bedrock outcrop / subcrop present beneath the location of the airport terminal car park (GSI 2022). GI information suggests that made ground is present within the area of the terminal buildings, particularly at the location of a former quarry which coincides with the Dublin Airport Station location. Cohesive till with occasional granular layers is present within the remainder of AZ2.

Where encountered during GI topsoil was generally recorded at 0-0.30mbgl.

Made ground was encountered in the majority of the exploratory locations in AZ2. It was recorded at depths of up to 2.70mbgl and generally described as tarmac, concrete, sandy gravel or sandy gravelly clay. Pieces of rebar and red brick were recorded in the vicinity of the airport buildings. No obvious unusual discolouration, oil sheens or odours were noted with the exception of possible domestic waste / putrescible material within ABH12 (0.50-2.10mbgl). The area of the greatest depths of made ground (2.70mbgl at ABH13) is within an area marked as a former quarry on historical mapping (potential source C59), which is also the proposed location of Dublin Airport station. Made ground was identified at the North Portal at depths of up to 0.4mbgl, described as firm, slightly sandy slightly silty gravelly clay.

Superficial deposit thickness is variable across AZ2, at the northern portal depth to bedrock is 24.5mbgl (BH212) where rockhead elevation rises in a reflection of surface topography. Superficial deposit depths remain similar until a sharp reduction at the airport buildings, reducing to 2.6mbgl at the centre of the Dublin Airport complex. Rockhead elevation then drops away to the south and is recorded at 33mbgl at the south portal.

The superficial deposits in AZ2 generally comprise sandy gravelly clay with occasional cobbles. This is frequently underlain or interbedded with sands and gravels, often with cobbles and boulders. Clasts are primarily of limestone. Sands and gravels are particularly notable to the south of Dublin Airport station, on the approach to the south portal.

3.3.4 Bedrock Geology

The bedrock geology relevant to AZ2 is summarised in Table 3.5

Table 3.5: Summary of bedrock strata (Airport Section)

Location	Formation(s)	Description
AZ2	Malahide Formation	Agrillaceous bioclastic limestone, shale. Indicated from the start of this section to the Dublin Airport terminal buildings. Boundary with the adjacent Waulsortian Limestone marked by a fault.
	Waulsortian Limestone	Massive unbedded lime-mudstone. Present within the Dublin Airport terminal building area and proposed Dublin Airport station.
	Tober Colleen Formation	Calcareous shale, limestone conglomerate. Stratigraphic boundary with the Waulsortian Limestone present at the southern edge of the Dublin Airport terminal buildings and extends to the southern airport portal location.

Malahide Formation

The Carboniferous Malahide Formation comprises argillaceous bioclastic (fossiliferous) limestone with interbedded shale; the lower part of this formation is composed of calcareous shales, siltstones and sandstones with occasional thin limestones at the base. Thicknesses of the Malahide formation are recorded from 300 m to more than 1200 m (GSI 2019, RPA 2008).

The Malahide Formation is encountered in RC301, RC302 and RC303 at 14-25mbgl and described as moderately strong to strong bedded to laminated dark grey and black calcareous mudstone.

Waulsortian Limestones

The Carboniferous Waulsortian Limestone is a predominantly pale grey, crudely bedded or massive lime-mudstone, biomicritic in nature with distinctive stromatactis and generally formed mounds or reefs. The Waulsortian Limestones are generally dolomitised and have a typical thickness ranging 300-500m (GSI 2022, RPA 2008).

The Waulsortian Limestone is encountered in RC305 to RC307 at 2.6-5.8mbgl and is described as strong to extremely strong bedded to massive grey and locally black fine-grained siliceous limestone. It is generally fresh to slightly weathered, locally fossiliferous and with frequent styolites and calcite veining.

It can be inferred that the abrupt change in rockhead elevation may be representative of the north east-south west trending fault that just to the north Dublin Airport station.

Tober Colleen Formation

The Tober Colleen Formation is generally described as dark-grey calcareous, commonly bioturbated mudstone and subordinate thin argillaceous micritic limestones. The lower levels of this formation can include reef derived debris and large slumped reef blocks. The thickness of Tober Colleen Formation is recorded to range from 50 – 250m (GSI 2019, RPA 2008).

The Tober Coleen Formation is encountered to the south of the proposed Dublin Airport Station at depths of between 10 and 34mbgl. It is described as strong to very strong interbedded or interlaminated dark grey to black calcareous mudstone and argillaceous limestone.

3.3.5 Hydrology

The proposed Project crosses Cuckoo Stream at CH 7760, though this appears to be culverted throughout the study area.

3.3.6 Hydrogeology

The bedrock around and to the north of the proposed Dublin Airport Station is classified as a LI (Locally Important) aquifer, and the area to the south is classified as a PI (Poor) Aquifer. The area between the northern boundary of AZ2 and Ch 6900 is classified under the WFD as P0480-02 (Industrial Facilities). The remainder of AZ2 is designated as the Dublin Aquifer.

The area from the northern end of AZ2 to CH 7700 is recorded as moderate to high vulnerability, with the area directly around the proposed Dublin Airport Station recorded as extreme vulnerability with rock at or near the surface or karst. The remainder of AZ2 is recorded as low vulnerability.

One groundwater abstraction is located approximately 650m south east of the proposed Dublin Airport Station.

Groundwater levels measured in monitoring standpipes in AZ2 are summarised in Table 3.6.

Table 3.6: Summary of Measured Groundwater Levels (AZ2)

Monitoring Well ID	Ground Elevation	Dates of Level Monitoring	Level Range (mbgl)	Level Range (mAOD)
NBH05-D	59.80	03 Dec 2019 - 09 Dec 2020	4.88 - 6.58	54.92 - 53.22
NBH05-S	59.80	03 Dec 2019 - 09 Dec 2020	4.92 - 6.01	54.88 - 53.70
NBH06A	60.18	03 Dec 2019 - 09 Dec 2020	4.53 - 6.44	55.65 - 53.75
NBH06W	60.31	03 Dec 2019 - 09 Dec 2020	5.26 - 6.27	55.05 - 54.04

3.3.7 Current and Historical Mining Sites

The historic gravel pits and quarries identified in AZ2 are summarised in Table 3.7, the location of the sites is shown on Figure 20.6. Further details of the available information on these features are presented in Appendix D.

Table 3.7: Historic mineral extraction sites within the Study Area (AZ2)

Source ID	Description	Dates Present	Approximate Location
C59	Historic Quarry (including re-opened extended quarry)	1837 to 1937	In location of Dublin Airport station

3.3.8 Radon

The pre 2022 online Radon Map of Ireland indicates that AZ2 is within the lowest classification of radon potential (< 1 % of homes above reference levels).The updated map indicates that the majority of AZ2 lies within the lowest classification or radon potential (about 1 in 20 homes likely to have high radon levels), with an area coinciding with the former quarry at Dublin Airport Station falls within the highest classification (about 1 in 5 homes likely to have high radon levels), coinciding with shallow bedrock.

3.3.9 Contaminated Land

Potential contamination sources identified by a review of the available documentary and GI information are presented in Appendix D with Locations shown on Figure 20.6. The majority of these potential sources are outside the Works Area and / or have a minor or mild assessed severity with no specific linked instances of made ground or contamination identified.

Sources considered to have potential to affect the route include a vehicle storage area near the north portal (C52), a petrol station (C58), the historical use of the area as an airport (C60) and an historic infilled gravel pit (C59). Within the historic quarry at the proposed Dublin Airport station location made ground up to 2.7m thick was found, comprising gravel and gravelly sandy clay with anthropogenic inclusions including concrete, rebar, domestic waste and brick below the present-day car park.

The assessment of land contamination based on the available GI data is included in Section 4.

3.4 AZ3 - Dardistown to Northwood

3.4.1 Topography

Ground elevations are around 59-61mAOD at the northern extent of AZ3, rising to 65mAOD to the north of the M50 crossing, reducing to around 60mAOD at the proposed Northwood Station.

3.4.2 Geomorphology

Two Mega Scale Glacial Lineations are indicated to the north and south of the M50 crossing, along with a Meltwater Channel just to the north of Gulliver's Retail Park.

3.4.3 Soils and Subsoils

The principal soil group in AZ3 is the Elton Association (Teagasc 2021), comprising a fine loamy drift with limestones to depths of >0.8m. The Elton Association is comprised of six soil series (Elton, Dunboyne, Howardstown, Straffan, Kilrush and Rathowen) and has a moderate drainage potential. The areas around the M50, the R108 and Silloge Park Public Golf Course are classified as urban soil with an undefined composition.

Geological maps indicate that the subsoils predominantly comprise till with an area of alluvium present just to the south of the M50 (GSI 2022) associated with the Santry River. Engineered fill is likely to be present at the ground surface within the vicinity of the M50.

Where encountered during GI topsoil was generally recorded at 0-0.30mbgl.

Made ground was encountered at the ground surface throughout AZ3, primarily towards the northern and southern extents as well as at the embankments adjacent to the M50. Where encountered, it was recorded up to a maximum depth of 2.5mbgl and described as sandy gravelly clay or sandy gravel, with anthropogenic materials such as brick, plastic, metal and pottery noted in some locations. The area of the greatest depths of made ground (2.50m bgl in ABH19) is located in the central reservation of the R108 road, which is also adjacent to the proposed location of Northwood station. No other obvious unusual discolouration, oil sheens or odours were noted within the GI information.

The superficial deposits encountered during ground investigation generally comprise sandy gravelly clay over sandy gravelly clay with cobbles. Sandy and/or clayey gravel strata were encountered at the northern and southern ends of the Dardistown to Northwood Section. Clasts are primarily of limestone with some sandstone. Thicknesses of the superficial deposits varied from >38m in the far north of the section (BH32), to 16-18m in the centre and 15-20 m in the south of AZ3.

3.4.4 Bedrock Geology

The bedrock geology relevant to AZ3 is summarised in Table 3.8.

Table 3.8: Summary of Geological Units (AZ3)

Location	Formation(s)	Description
Dardistown to Northwood	Tober Colleen Formation	Calcareous shale, limestone conglomerate. Present within the northernmost extent of this section between the southern airport portal and the M50.
	Lucan Formation	Dark limestone and shale (also known as the Calp Limestone) Stratigraphic boundary with the Tober Colleen Formation just to the north of the M50, to the southern extent of this section.

Tober Colleen Formation

The Tober Colleen Formation is generally described as dark-grey calcareous, commonly bioturbated mudstone and subordinate thin argillaceous micritic limestones. The lower levels of this formation can include reef derived debris and large slumped reef blocks. The thickness of Tober Colleen Formation is recorded to range from 50 – 250m (GSI 2019, RPA 2008). The Tober Colleen Formation is indicated within the northernmost extent of AZ3 in the area between the airport tunnel south portal and the M50.

GI records describe the Tober Colleen Formation as strong to moderately strong medium bedded to thinly laminated dark grey or black calcareous mudstone interbedded with strong thinly bedded grey or pale grey limestone. Depth to rockhead is 32-34m at the northern extent of AZ3, and 16m to the north of the M50 crossing.

Lucan Formation

The Lucan (Calp) Formation refers to various units of basinal limestone and shale formed from carbonate sediment deposits. The Lucan Formation consists of muddy limestone beds inter-bedded with calcareous shale beds. The limestone beds are dark grey to black, fine grained, occasionally cherty and are classified as strong to very strong. Pyrite has also been recorded. Analysis of thin sections for the Dart Underground EIS (Irish Rail 2010) indicated pyrite concentrations ranging from <0.5 % to 5% with detects in the majority of samples, with wide variation between close samples and no regional trends evident. Occasional exceptionally high concentrations of 10 to 40% were identified typically associated with lithology contact surfaces. The limestone hosts some limited fossils, such as corals and brachiopods, locally. The shale beds are less substantial and dark grey to black in appearance. These are typically moderately strong and more susceptible to weathering than the limestones. The bedrock surface is highly irregular with incised drainage channels including a large pre-glacial channel north of the River Liffey (GSI 2022, RPA 2008, Parsons Brinkerhoff 2007). The Lucan Formation is indicated from the stratigraphic boundary with the Tober Colleen Formation to the north of the M50, to the southern extent of AZ3.

GI records describe the Lucan Formation as strong to moderately strong thin to medium bedded dark grey argillaceous limestone interbedded with moderately strong thinly bedded to thickly laminated dark grey or black calcareous mudstone. Depth to rockhead is between 16 and 20 m to the south of the M50 crossing.

3.4.5 Hydrology

Watercourses recorded in AZ3 are detailed in Table 3.9.

Table 3.9: Watercourses Within AZ3

Watercourse Name	Location
Turnapin Stream	CH 8648 (tributary to Mayne River)
Mayne	210m south east of Ch 8800
Santry River	Crosses proposed alignment at Ch 9980

3.4.6 Hydrogeology

AZ3 to the north of the M50 is designated as a PI (Poor) Aquifer. To the south of the M50 the bedrock is designated as a LI (Locally Important Aquifer). The entire area of AZ3 is recorded as low vulnerability and designated as the Dublin Aquifer.

Five groundwater abstractions are located in AZ3, three approximately 100m south east of Ch 9000, one approximately 420m west of Ch 8800 and one approximately 640m south east of Ch 8700.

Groundwater levels measured in monitoring standpipes in AZ3 are summarised in Table 3.10.

Table 3.10: Summary of Measured Groundwater Levels (AZ3)

Monitoring Well ID	Ground Elevation	Dates of Level Monitoring	Level Range (mbgl)	Level Range (mAOD)
NBH202-D	58.34	14 Jul 2020 - 24 May 2021	7.71 - 9.44	50.63 - 48.90

3.4.7 Current and Historical Mining Sites

No quarries, pits or mines have been recorded within the study area in AZ3.

3.4.8 Radon

The pre 2022 online Radon Map of Ireland indicates that AZ3 is within the lowest classification of radon potential (<1% of homes above reference levels). The updated map indicates that the whole of AZ3 lies within the lowest classification of radon potentials (about 1 in 20 homes likely to have high radon levels).

3.4.9 Contaminated Land

Potential contamination sources identified by a review of the available documentary and GI information are presented in Appendix D with Locations shown on Figure 20.6. The majority of these potential sources are outside the Works Area and / or have a minor or mild assessed severity with no specific linked instances of made ground or contamination identified. Sources considered to have potential to affect the route include a cooking oil wholesaler (C67), a vehicle test centre (C69) and a fuel station (C72).

Made ground material was encountered over much of this AZ, the distribution of which is summarised in Section 3.4.3.

The assessment of land contamination based on the available GI data is included in Section 4.

3.5 AZ4 - Northwood to Charlemont

3.5.1 Topography

Elevations of 63mAOD are present at the northern extent AZ4 at the TBM launch point, steadily dropping to around 10mAOD in the vicinity of the Tolka River. Elevations then rise to approximately 28mAOD in the area of the Royal Canal, before dropping to sea level where the proposed Project crosses the River Liffey which is tidal in this section. To the south of the River Liffey, elevations gradually rise to around 20mAOD in the area of the proposed Charlemont Station.

3.5.2 Geomorphology

Two Mega Scale Glacial Lineations are present to the north of Griffiths Avenue, and to the north of Glasnevin Station. The Tolka River just to the south of Griffith Park Station runs within a Meltwater Channel, as does the River Liffey (refer to Figure 20.2).

3.5.3 Soils and Subsoils

The whole of the Study Area in AZ4 is underlain by urban soils (unknown composition) associated with the urbanisation of the Dublin City area. An area around the Tolka River approximately 100 m to the west of the proposed Griffiths Park Station is classified as River alluvium, comprised of 12 soil series (Boyne, Finisk, Aherlow, Clohamon, Suir, Kilgory, Lyre, Vicarstown, Feale, Camoge, Cornafulla and Kilcullen) with depths of >0.8m. The River alluvium is recorded as having poor drainage potential.

Geological maps indicate that the majority of the subsoils comprise till, with alluvial sediments present adjacent to within the vicinity of the River Tolka and River Liffey (refer to Figure 20.3). ‘Urban’ ground is indicated within the central area of Dublin, between Mater and Charlemont Stations.

Made ground was encountered in the majority of GI exploratory holes in AZ4 to depths typically up to 2mbgl, with local variations and a maximum recorded depth of 7mbgl in the vicinity of Charlemont Station. Made ground was generally described as sandy gravelly clay with cobbles and/or boulders and anthropogenic material in many locations (typically comprising bricks and rubble). Hydrocarbon or bitumen odours were noted within the areas of the proposed stations at Collins Avenue, Tara and O’Connell Street.

GI records indicate that cohesive till predominates towards the north of AZ4 with isolated pockets / lenses of granular material (sand and gravel) present; these granular horizons are more prevalent towards the south of AZ4 and within the vicinity of the River Liffey. The thickness of the superficial deposits is typically 10 m to 30m, with greater thicknesses generally present towards the north of AZ4.

Details of the made ground and superficial geology in addition to bedrock geology encountered at each station location are detailed in Table 3.12.

3.5.4 Bedrock Geology

The bedrock geology relevant to AZ4 is summarised in Table 3.11.

Table 3.11: Summary of Bedrock Strata (AZ4)

Location	Formation(s)	Description
Northwood to Charlemont	Lucan Formation	Dark limestone and shale (also known as the Calp Limestone). Present throughout this section.

Lucan Formation

The Lucan (Calp) Formation refers to various units of basinal limestone and shale formed from carbonate sediment deposits. The Lucan Formation consists of muddy limestone beds inter-bedded with calcareous shale beds. The limestone beds are dark grey to black, fine grained, occasionally cherty and are classified as strong to very strong. Pyrite has also been recorded. Analysis of thin sections for the Dart Underground EIS (Irish Rail 2010) indicated pyrite concentrations ranging from <0.5 % to 5% with detects in the majority of samples, with wide variation between close samples and no regional trends evident. Occasional exceptionally high concentrations of 10 to 40% were identified typically associated with lithology contact surfaces. The limestone hosts some limited fossils, such as corals and brachiopods, locally. The shale beds are less substantial and dark grey to black in appearance. These are typically moderately strong and more susceptible to weathering than the limestones. The bedrock surface is highly irregular with incised drainage channels including a large pre-glacial channel north of the River Liffey (GSI 2019, RPA 2008, Parsons Brinkerhoff 2007).

In addition to the general description of conditions, the local ground conditions encountered within each station Works Area are summarised in Table 3.12.

Table 3.12: Summary of Ground Conditions at Stations (AZ4)

Station Location	Strata	Summary of Ground Conditions
Ballymun	Made ground	Encountered in all exploratory holes to depths of 0.2-4.1mbgl. Generally comprising tarmac, concrete or sandy gravelly clay with inclusions of brick, concrete and/or plastic in some locations. No other obvious unusual discolouration, oil sheens or odours were noted within the GI information.
	Superficial	Generally comprising interbedded sandy gravelly clay and sandy gravelly clay with occasional cobbles. Strata of gravel and/or cobbles encountered in some exploratory locations at greater depths (>16mbgl).
	Bedrock	Bedrock encountered in at 19.9-24.3mbgl. Strata recorded as moderately strong bedded to laminated dark grey to black calcareous mudstone interbedded with strong to very strong medium to thinly bedded dark grey argillaceous limestone.
Collins Avenue	Made ground	Encountered in most exploratory holes to depths of 0.3-2.5mbgl. Generally comprising sandy gravelly clay with cobbles and inclusions of concrete, brick, asphalt, glass, plastic and ceramics in some locations. A slight hydrocarbon odour was noted at 0.4-1.2mbgl in TP603.
	Superficial	Generally comprising sandy gravelly clay or sandy gravelly clay with cobbles, interbedded with strata of gravel and/or cobbles. Proportion of granular strata generally increases with depth.

Station Location	Strata	Summary of Ground Conditions
	Bedrock	Bedrock encountered at 19.5-24.2mbgl, comprising strong to very strong medium to thinly bedded grey to dark grey limestone, locally fossilifeous, interbedded with moderately strong to strong medium bedded dark grey to black argillaceous mudstone.
Albert College Shaft	Made ground	Encountered in 2 of 3 exploratory holes to depths of 1.3mbgl. Generally comprising sandy gravelly clay with inclusions of brick and concrete observed in NBH208. No other obvious unusual discolouration, oil sheens or odours were noted within the GI information.
	Superficial	Generally comprising sandy gravelly clay or sandy gravelly clay with low to medium cobble content, interbedded with strata of gravel and/or cobbles. Proportion of granular strata generally increases with depth.
	Bedrock	Bedrock encountered between 17.2 and 20.1mbgl, comprising strong to very strong medium to thinly bedded grey to dark grey limestone, locally fossilifeous, interbedded with moderately strong to strong medium bedded dark grey to black argillaceous mudstone.
Griffith Park	Made ground	Encountered in the majority of exploratory holes to depths of 0.75-2.3mbgl. Generally comprising sandy gravelly clay with cobbles and inclusions of brick, ceramic, glass, ash, wood and/or bitumen/tar.
	Superficial	Sandy gravelly clay interbedded with sandy gravelly clay with cobbles and occasional boulders, and strata of sand and/or gravel.
	Bedrock	Depth to bedrock varies from 4.1mbgl to the south of the Tolka River to 16.1mbgl to the northeast of the proposed Griffith Park Station box. Bedrock is described as strong grey argillaceous limestone interbedded with weak to strong black carbonaceous limestone.
Glasnevin	Made ground	**Station Box and Adjacent Road** Made ground encountered up to 2.3mbgl (GBH01) comprising a 0.1m thick layer asphalt (in some locations) over gravel (mixed lithologies) and sandy gravelly clay with fragments of red brick. No other obvious unusual discolouration, oil sheens or odours were noted within the GI information. **Railway tracks (east)** 4 no. boreholes and several inspection pits (TPCC04, TPCC06, TPCC09 to TPCC12) were undertaken on the tracks to the east of the station box, encountering Ballast (fine to coarse gravel) to a maximum depth of 1.1mbgl (GBH20, GBH21). No other obvious unusual discolouration, oil sheens or odours were noted within the GI information. **Railway tracks (west)** Made ground was encountered in the vast majority of exploratory holes to depths between 0.5 and 3.5mbgl (GBH13, adjacent to the Royal Canal). Generally comprising a layer of Ballast (up to 0.6m thick) in trackside areas directly overlying natural deposits or over sandy gravelly clay with very occasional inclusions of brick, plastic and concrete. Greater made ground thicknesses were overall found in the track areas towards the east, nearer the station box; further to the west ballast directly overlying natural deposits was encountered. No other obvious unusual discolouration, oil sheens or odours were noted within the GI information.
	Superficial	**Station Box and Adjacent Road** Firm to very stiff sandy gravelly clay with cobbles and strata of sandy gravel and gravel with cobbles (granular horizons generally at depths of greater than 10mbgl). **Railway tracks (east)** Firm to very stiff sandy gravelly clay with low cobble content, investigated to a maximum depth of 2.0mbgl. **Railway tracks (east)**

Station Location	Strata	Summary of Ground Conditions
		Firm to very stiff sandy gravelly clay interbedded with sandy gravelly clay with cobbles and strata of sandy gravel or gravel with cobbles (granular horizons generally at depths of greater than 9mbgl).
	Bedrock	**Station Box and Adjacent Road** Bedrock was recorded at depths of between 17.0mbgl (ABH37) and 20.2mbgl (NBH19, just to west of station box), generally comprising medium strong thinly bedded dark grey limestone with occasional beds of mudstone. **Railway tracks (east)** Not encountered **Railway tracks (west)** Encountered at a depth of 18.7mbgl in one borehole (GBH02) near the station box.
Mater	Made ground	Encountered in most exploratory locations to depths of 2.9mbgl, generally comprising concreate / asphalt over clayey sandy gravel or gravelly clay with inclusions of brick, glass and/or pottery. No other obvious unusual discolouration, oil sheens or odours were noted within the GI information.
	Superficial	Sandy gravelly clay interbedded with sandy gravelly clay with cobbles and strata of sandy gravel or gravel with cobbles.
	Bedrock	Depth to bedrock recorded at 24.5mbgl to 27.25mbgl, comprising moderately strong dark grey limestone interbedded with moderately strong dark grey to black calcareous mudstone.
O'Connell Street	Made ground	Encountered in most exploratory locations to depths of 1.0-4.50mbgl, generally comprising paving and/or concrete over sandy gravelly clay or silt with brick and/or concrete. Inclusions of glass, pottery, wire, tile, metal and ash were recorded in some location. A bituminous odour was noted at 1.1-3.6mbgl in BH10.
	Superficial	Generally sandy gravel overlying sandy gravelly clay with cobbles and/or boulders. Gravel with cobbles was frequently encountered in the strata overlying rockhead.
	Bedrock	Depth to bedrock recorded at 14.9-25mbgl. Bedrock is described as moderately strong to strong thin to medium bedded dark grey often argillaceous limestone interbedded with weak to moderately strong laminated dark grey or black shale or mudstone, often calcareous.
Tara	Made ground	Encountered in all exploratory locations to depths of 1.2-3.8mbgl. Generally comprising concrete and/or tarmac over sandy gravel and sandy gravelly clay with brick and some ash. Animal bone was recorded in NBH25 and NBH26C.
	Superficial	Generally comprising sandy gravelly silt or sandy gravelly clay over gravel. BH38 recorded sand with a diesel odour from 2.5-3.1mbgl and sandy gravel with cobbles with a faint hydrocarbon odour from 3.1-4.5mbgl.
	Bedrock	Depth to bedrock recorded at 6.0-9.0mbgl. Bedrock is described as laminated to medium bedded dark grey argillaceous limestone interbedded with weak black carbonaceous mudstone.
St Stephen's Green	Made ground	Encountered depths of up to 2.5mbgl comprising sandy gravel including brick and concrete over sandy gravelly clay or clayey gravelly sand with inclusions of brick, concrete, rebar, glass and wood.
	Superficial	Comprising firm to stiff sandy gravelly clay with occasional cobbles and boulders over gravel or clayey sandy gravel.
	Bedrock	Recorded in eight exploratory location at 7.3-14.9mbgl, comprising strong dark grey argillaceous limestone with occasional white calcite and pyrite bands.

Station Location	Strata	Summary of Ground Conditions
Charlemont	Made ground	Encountered in most exploratory locations to depths of 0.8-7mbgl, generally comprising clayey sandy gravel or sandy gravelly clay, often with inclusions of brick. No other obvious unusual discolouration, oil sheens or odours were noted within the GI information.
	Superficial	Silty or sandy gravelly clay over sandy gravelly clay with cobbles and boulders.
	Bedrock	Depth to bedrock recorded at 4.8-9.12mbgl and comprising medium strong laminated to medium bedded dark grey to black sometimes argillaceous limestone with widely spaced medium beds of weak black carbonaceous mudstone.

3.5.5 Current and Historical Mining Sites

No quarries, pits or mines have been recorded within the study area in AZ4.

3.5.6 Radon

The pre 2022 online Radon Map of Ireland indicates that the northern extent of AZ4 is within the lowest classification of radon potential (< 1% of homes above reference levels). To the south of around Ballymun Station, AZ4 is within the second lowest classification of radon potential (1%-5% of homes above the reference levels). The updated map indicates that the large majority of the study area falls within the lowest classification of radon potential (about 1 in 20 homes likely to have high radon levels), with an area to the south east of Griffith Park Station associated with Tolka River falling into the second lowest classification (about 1 in 10 homes likely to have high radon levels).

3.5.7 Hydrology

Watercourses recorded in AZ4 area are detailed in Table 3.13.

Table 3.13: Watercourses Within AZ4

Watercourse Name	Location
Tolka River	Crosses proposed Project at Ch 13920
Royal Canal	Crosses proposed Project at Ch 14940
River Liffey	Crosses proposed Project between Ch 17160 and Ch 17240
Grand Canal	Crosses proposed Project at Ch 19260

In addition, to the above named watercourses / water bodies which cross the proposed Project, there are a number of other named and unnamed nearby water features, some of which are culverted, including the following (further details are included in Chapter 23 (Hydrology)):

- Wad River and Wad Diversion present to the east of Collins Avenue Station and Griffith Park.
- St Stephen's Green Ponds (to the west of St Stephen's Green station), connected to the Grand Canal via 300m cast iron water main.
- The Stein River is a culverted watercourse that traverses the proposed Project near Tara and St Stephen's Green stations.
- Gallows Stream (culverted watercourse that does not traverse the proposed Project) near Tara and St Stephen's Green stations.

- Swan River (culverted watercourse near Charlemont Station).

3.5.8 Hydrogeology

The whole of AZ4 is classified as a LI (Locally Important) Aquifer and designated as the Dublin Aquifer.

The majority of AZ4 is recorded as low aquifer vulnerability. The area between Ch 13520 and Ch 14220 is recorded as medium and high vulnerability, related to the Tolka River. The area between Ch 17240 and the southern extent of AZ4 is recorded as moderate vulnerability.

Five groundwater abstractions are located in AZ4. One is located to the west of the alignment around Ch 13400, though the exact location is unknown. Two groundwater abstractions are recorded approximately 175m north west of Ch 14400, one 950m south west of Ch 15960 one 180m east of Ch 16440 and one 590m south west of Ch 16860.

Groundwater levels measured in monitoring standpipes in AZ4 are summarised in Table 3.14.

Table 3.14: Summary of Measured Groundwater Levels (AZ4)

Nearest Proposed Station	Monitoring Well ID	Ground Elevation	Dates of Level Monitoring	Level Range (mbgl)	Level Range (mAOD)
Ballymun Station	NBH203A-D	61.99	23 Jun 2020 - 24 May 2021	7.83 - 13.25	54.17 - 48.74
	NBH204	59.36	14 Jul 2020 - 24 May 2021	10.82 - 12.45	48.54 - 46.91
Collins Avenue Station	NBH206	51.95	23 Jun 2020 - 24 May 2021	8.33 - 9.38	43.62 - 42.58
	NBH207-D	50.96	23 Jun 2020 - 24 May 2021	9.34 - 10.69	41.62 - 40.27
	NBH207-S	50.96	23 Jun 2020 - 24 May 2021	10.77 - 16.38	40.19 - 34.58
Griffith Part Station	NBH211	19.09	23 Jun 2020 - 24 May 2021	-0.06 - 8.00	19.15 - 11.09
	NBH223-D	18.85	23 Jun 2020 - 24 May 2021	0.34 - 2.28	18.51 - 16.57
	NBH223-S	18.85	27 Jun 2020 - 24 May 2021	0.83 - 2.25	18.02 - 16.61
Glasnevin Station	GBH02-D	25.96	04 Aug 2020 - 18 Aug 2020	10.94 - 11.18	15.02 - 14.78
	GBH02-S	25.96	29 Jul 2020 - 18 Aug 2020	10.11 - 10.59	15.85 - 15.37
	NBH18-D	24.25	03 Dec 2019 - 22 May 2020	10.43 - 11.71	13.82 - 12.54
	NBH18-S	24.25	03 Dec 2019 - 09 Dec 2020	6.72 - 8.44	17.53 - 15.81
	NBH19A	26.1	03 Dec 2019 - 16 Dec 2020	9.35 - 11.38	16.75 - 14.72

Nearest Proposed Station	Monitoring Well ID	Ground Elevation	Dates of Level Monitoring	Level Range (mbgl)	Level Range (mAOD)
	NBH19W	26.17	03 Dec 2019 - 16 Dec 2020	8.44 - 10.88	17.73 - 15.29
Mater Station	NBH215-D	22.81	23 Jun 2020 - 28 May 2021	14.10 - 16.11	8.71 - 6.70
	NBH215-S	22.81	17 Jun 2020 - 25 May 2021	13.95 - 16.63	8.86 - 6.18
	NBH216A-D	21.99	23 Jun 2020 - 25 May 2021	15.64 - 18.87	6.35 - 3.12
	NBH216A-S	21.99	23 Jun 2020 - 25 May 2021	14.69 - 18.34	7.300 - 3.65
O'Connell Street Station	NBH23A	5.06	04 Dec 2019 - 16 Dec 2020	4.52 - 5.15	0.54 - -0.09
	NBH23W	5.13	04 Dec 2019 - 09 Dec 2020	4.53 - 5.83	0.60 - -0.70
	NBH24-D	5.12	28 May 2020 - 16 Dec 2020	4.65 - 4.97	0.47 - 0.15
	NBH24-S	5.12	04 Dec 2019 - 16 Dec 2020	4.39 - 4.86	0.73 - 0.26
Tara Station	NBH25-D	3.51	04 Dec 2019 - 09 Dec 2020	3.29 - 4.08	0.22 - -0.57
	NBH25-S	3.51	04 Dec 2019 - 09 Dec 2020	3.14 - 4.17	0.38 - -0.66
	NBH26CA	3.96	04 Dec 2019 - 17 Dec 2020	3.56 - 4.35	0.40 - -0.39
	NBH26CW	4.02	04 Dec 2019 - 17 Dec 2020	3.77 - 4.36	0.25 - -0.34
St Stephen's Green Station	NBH219B-D	12.52	13 Jul 2020 - 24 May 2021	4.51 - 7.85	8.01 - 4.67
	NBH219B-S	12.52	13 Jul 2020 - 24 May 2021	3.90 - 5.11	8.62 - 7.41
	NBH220-D	12.34	23 Jun 2020 - 24 May 2021	3.81 - 6.58	8.53 - 5.76
	NBH220-S	12.34	23 Jun 2020 - 28 May 2021	2.54 - 4.69	9.800 - 7.65
Charlemont Station	NBH29	16.04	04 Dec 2019 - 03 Feb 2020	4.21 - 4.67	11.83 - 11.37
	NBH30W	15.8	04 Dec 2019 - 03 Feb 2020	3.09 - 4.95	12.71 - 10.85

3.5.9 Contaminated Land

Potential contamination sources identified by a review of the available documentary and GI information are presented in Appendix D with Locations shown on Figure 20.6. The majority of these potential sources are outside the Works Area and / or have a minor or mild assessed severity with no specific linked instances of made ground or contamination identified. Sources considered to have potential to affect the route include the following:

- Ballymun shopping centre and associated tanks (C78 and C79);
- Fuel station near Intervention shaft (C86);
- Oil filled cable leaks 29, 63, 20 and 9 (C88, C106, C119 and C130);
- Potentially infilled ground at Griffith Park station (C94);
- Railway land, stations and former creosote application yard near Glasnevin station (C99A, C99B, C99C, C100 and C101);
- Mater Hospital (C105);
- Former gas testing station and hospital at Tara Station (C120 and C121); and
- Railway land at Charlemont Station (C131).

In addition to the above made ground which has not been attributed to specific sources has been identified within the Works Areas at the stations and intervention shaft where surface works will be undertaken.

The assessment of land contamination based on the available GI data is included in Section 4.

3.6 Geochemical Baseline

Information on the baseline concentrations of heavy metals and PAHs obtained as part of the Dublin SURGE Project (GSI 2012) has been reviewed. This study subjected shallow soil samples (1,058 samples from the top 0.1m of the ground) to laboratory geochemical analysis to determine the background concentration of selected contaminants across the Dublin area.

The study found that concentrations of lead, copper, zinc and mercury are strongly influenced by human activities, such as industry, combustion and traffic. Other inorganic elements are generally related to the regional bedrock parent material. PAHs were detected across the city, with the greatest concentrations in the city centre. PCBs were detected at low concentrations in isolated samples.

The SURGE dataset concentrations of metals typically identified at high concentrations within the MetroLink soils dataset are summarised in Table 3.15, along with the residential and commercial GAC used within the assessment in Section 4.

Table 3.15: Overall SURGE Dataset Concentrations, Metals (From GSI 2012)

Contaminant	Concentration – SURGE dataset (mg/kg)					GAC (mg/kg)	
	Min	Max	Mean (overall)	Median (Natural Soil)	Median (made ground)	Residential	Commercial
Arsenic	<3	402	15.5	13.4	13.7	37	640
Chromium	4.24	262	44.2	44.4	41.6	21*	49*
Lead	<3	3,120	123	70.9	130	200	2,300
Mercury	0.0135	23.9	0.339	0.20	0.29	1.2	58
Zinc	18	8,390	248	168	235	3,700	730,000

Notes

[1] - Chromium (Hexavalent) – most conservative assessment criteria used.

The maximum metal concentrations from the SURGE dataset often exceed the residential GAC with some instances of lead concentrations also exceeding the commercial GAC.

The SURGE dataset concentrations of PAHs (total plus USEPA 16 congeners) are summarised in Table 3.16, along with the residential and commercial GAC used in within the assessment in Section 4.

Table 3.16: Overall SURGE Dataset Concentrations, PAH (From GSI 2012)

Contaminant	Concentrations – SURGE dataset (mg/kg)				GAC (mg/kg)	
	Min	Max	Mean	Median	Residential	Commercial
Naphthalene	<0.03	2.4	0.08	0.02	2.3	190
Acenaphthylene	<0.03	3.9	0.12	0.02	170	83,000
Acenaphthene	<0.03	17	0.21	0.02	210	84,000
Fluorene	<0.03	26	0.25	0.02	170	63,000
Anthracene	<0.03	50	0.56	0.06	2,400	520,000
Phenanthrene	<0.03	140	2.12	0.26	95	22,000
Fluoranthene	<0.03	130	3.28	0.55	280	23,000
Pyrene	<0.03	92	2.77	0.53	620	54,000
Benzo[a]anthracene	<0.03	51	1.58	0.29	7.2	170
Chrysene	<0.03	44	1.65	0.37	15	350
Benzo[a]pyrene	<0.03	28	1.15	0.26	5	77
Benzo[b]fluoranthene	<0.03	34	1.49	0.36	2.6	44
Benzo[k]fluoranthene	<0.03	14	0.53	0.12	77	1,200
Benzo[g,h.i]perylene	<0.03	14	0.78	0.22	320	3,900
Indeno[1,2,3-c,d]pyrene	<0.03	12	0.75	0.2	27	500
Dibenzo[a,h]anthracene	<0.03	4.4	0.2	0.05	0.24	3.5
Sum of 16 PAHs	0.24	661	17.52	3.47	N/A	N/A

The maximum concentrations for several PAH congeners exceed the residential GAC, with Denzo[a,h]anthracene also exceeding the commercial GAC.

The above SURGE datasets are based on 1,058 sampling locations over the greater Dublin area. Of these locations only a small number are present within the Study Area for the proposed Project, as summarised in Table 3.17.

Table 3.17: Summary of SURGE Soil Sample Quantities Within the Study Area

AZ	No. of SURGE Sampling Locations
AZ1	7
AZ2	0
AZ3	2
AZ4	19
Total	**28**

4. Quantitative Risk Assessment

4.1 Methodology

Chemical laboratory analysis results have been collated from both the contemporary and historic ground investigations. Results from soil, groundwater, gas and leachability analysis are detailed in Appendices E to H.

4.1.1 Human Health - Soils

Risks to human health are associated with acute short term exposure to site soils (i.e. construction workers or future maintenance workers) and chronic exposure to site soils by future site users. In both cases, the exposure pathways are direct contact, ingestion and inhalation.

For the purposes of this assessment the soil chemical data, with regard to chronic exposure risk, have been screened against human health generic assessment criteria (GAC). In the absence of any Ireland-specific screening values, the assessment criteria are based primarily on UK publications including LQM/CIEH (Nathanail et al. 2015) 'Suitable for Use Levels' (S4Uls) for residential and commercial/industrial land uses and Defra Category 4 Screening Levels (C4SLs) (Defra 2014). GAC for acute short-term exposure risks are not available, the above GAC have been used to provide an indication of potential risk to construction and maintenance workers. For perfluorooctane sulfonate (PFOS), screening values have been published by the Environment Agency (Environment Agency 2022).

GAC for organic chemicals are dependent on the soil organic matter (SOM) content of the soils. GAC are published for SOM contents of 1%, 2.5% and 6%. As SOM data are not available for all of the locations subjected to chemical testing the most conservative value of 1% has been selected. The GAC used are presented within the screening spreadsheets in Appendix E.

4.1.2 Ground Gas

Ground gases such as methane, carbon dioxide, hydrogen sulphide and carbon monoxide can pose a risk to both human health and buildings and/or infrastructure. Sources of ground gases can be the underlying geological formations such as organic rich alluvium or peat, as well as anthropogenic sources such as landfills, sewage works or fuel spills.

Accumulations of ground gases in confined spaces pose a risk to human health, with effects ranging from headaches to asphyxiation. In addition methane poses a flammability / explosion risk at concentrations between 5%v/v and 15%v/v in air that can pose a risk to human health and infrastructure.

In accordance with CIRIA C665 (Assessing Risks Posed by Hazardous Ground Gases to Buildings, CIRIA 2007), results of gas monitoring have been used to calculate gas screening values (GSV). These are used to characterise built development sites into one of six Characteristic Situations (CS), with CS1 being very low risk and CS6 being very high risk. The results of the assessment are presented in Appendix F.

In addition, the carbon dioxide concentrations have been screened against the short-term UK Workplace Exposure Limit (WEL) of 1.5%v/v (HSE 2020) and the carbon monoxide concentrations against the short term WEL of 100ppm for carbon monoxide (HSA 2020) to provide an indication of occupational health risks to construction workers and maintenance workers.

4.1.3 Groundwater and Surface Water

The primary surface water courses in the study area are Broadmeadow River, Ward River, Santry River, Tolka River and the River Liffey. It is assumed that the low permeability lining of the canals in Dublin will act as a barrier to contaminants migrating via the shallow sub surface into the canal water. The majority of the study area is designated as the Locally Important Dublin Aquifer, and there are local areas of high or extreme aquifer vulnerability in AZ1 and AZ2.

Where available, the results of the soil leachate and groundwater testing have been compared to relevant water quality standards, primarily derived from Irish EPA Interim Guideline Values (IGV) (EPA 2003). Where these are not available for determinands UK Drinking Water Standards (UK DWS) (WHO 2011) or UK freshwater Environmental Quality Standards (EQS) (WFD 2015) have been used. These assessment criteria have been collectively termed Controlled Water Screening Criteria (CWSC); the results and the relevant assessment criteria are presented in Appendix G (Groundwater) and Appendix H (Leachate).

4.1.4 Cross Sections

Cross Sections have been generated for each of the station locations based on the available ground conditions data to aid with interpretation and are included in Appendix I. The sections include the Interpolated geology, GI locations, soil sample locations (with an indication of whether there is a GAC exceedance), and the location of the proposed stations and tunnel (where appropriate).

4.2 AZ1 – Northern Section

4.2.1 Soil Screening

Soil samples where GAC exceedances were recorded are summarised in Table 4.1 and VOC/ SVOC detections in Table 4.2.

Table 4.1: Summary of Soil GAC Exceedances in AZ1

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail
Inside Works Area				
ABH02	12	1	0	Arsenic
ABH08	1.3	1	0	Mercury
ABH09	3	1	0	1,2-Dichloroethane
ATP17	0.5	3	0	Benzo[b]fluoranthene, Benzo[a]pyrene, Dibenz(a,h)Anthracene
BH101	0.6	1	0	Chromium[1]
BH103	0.6	1	0	Chromium[1]
BH142ACP	0.5	1	0	Chromium[1]
BH209ACP	0.4	1	0	Chromium[1]
BH210ACP	0.5	1	0	Chromium[1]
BH212	1.1	1	0	Chromium[1]
NBH201	0.5	1	0	Chromium[1]
NBH402	1	1	0	Chromium[1]
NBH403	0.5	1	0	Chromium[1]
NBH403	1	1	0	Chromium[1]
NBH404	1	2	0	Arsenic, Chromium[1]

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail
NBH406	0.5	1	0	Chromium[1]
NBH407	0.5	1	0	Chromium[1]
NBH408	0.5	1	0	Chromium[1]
NBH72	0.5	1	0	Chromium[1]
NTP03	0.5	1	0	Chromium[1]
RC104	0.5	1	0	Chromium[1]
RC108	0.4	1	0	Chromium[1]
RC114	1	1	0	Chromium[1]
RC121	1	1	0	Chromium[1]
RC122	1	1	0	Chromium[1]
RC127	1.2	1	0	Chromium[1]
RC203	0.6	1	0	Chromium[1]
RC205	0.1	1	0	Chromium[1]
RC205	0.5	1	0	Chromium[1]
RC205	1	1	0	Chromium[1]
RC207	1	1	0	Chromium[1]
TP122	0.5	1	0	Chromium[1]
TP126	1	1	0	Chromium[1]
TP134	1	1	0	Chromium[1]
TP135	0.5	1	0	Chromium[1]
TP136	0.4	1	0	Chromium[1]
TP139	0.5	1	0	Chromium[1]
TP140	1.1	1	0	Chromium[1]
TP141	0.1	1	0	Chromium[1]
TP149	0.5	1	0	Chromium[1]
TP154	0.4	1	0	Chromium[1]
TP208	0.5	1	0	Chromium[1]
TP210	1	1	0	Chromium[1]
TP212	0.5	1	0	Chromium[1]
Within 250m of Works Area				
BH123ACP	1	1	0	Chromium[1]
BH139ACP	1	1	0	Chromium[1]
NBH405	0.5	1	0	Chromium[1]
NBH405	1	1	0	Chromium[1]
TP119	1	1	0	Chromium[1]
SURGE_2014	0.1	1	0	Lead

Notes

[1] - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.2: Summary of VOC/ SVOC Detections in AZ1

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Inside Works Area			
ABH02	5	1	Isopropylbenzene
ABH08	3.8	1	2-Methylnaphthalene
ABH08	4.8	1	2-Methylnaphthalene
ABH09	3	2	1,2-Dichloroethane, Toluene
ABH09	11.5	3	Dibenzofuran, Carbazole, 2-Methylnaphthalene
ATP14	1.5	1	1,2-Dichloroethane
NBH403	7.3	2	Toluene, Trichloromethane
NBH404	5.1	2	Toluene, Trichloromethane

The majority of soil geochemical results in AZ1 did not exceed residential or commercial GAC. Where recorded, exceedances were primarily of chromium and PAHs.

The chromium exceedances and the VOC/SVOC detections were recorded in the north of AZ1 on greenfield land to the south east of the proposed Estuary Station. Chromium exceedances, one arsenic exceedance and one 1,2-Dichloroethane exceedance were also found in the area of the proposed Swords Station at the roundabout on the R132 associated with made ground. The 1,2-Dichloroethane exceedances and VOC/ SVOC detections recorded in ABH09 in the south of AZ1 are likely to be associated with the historical use of the land for vehicle storage (Source C52), with detections of 2-methylnaphthalene in ABH08 likely associated with a car dismantling yard (Source C31). The PAH exceedances at ATP17 can be attributed to the made ground associated with the R132 corridor.

The detections of VOCs were found on greenfield land to the north east of the roundabout on the R132 in the north of the proposed works area at depth and the source is unclear. The source of Isopropylbenzene in soil samples recovered from ABH02 within the proposed Seatown Station area are unclear, however, it should be noted that reported concentrations of 1.3µg/kg are within the same order of magnitude as the laboratory method detection limit (MDL) of 1.0µg/kg.

No asbestos was recorded in AZ1.

4.2.2 Groundwater and Surface Water

Groundwater samples within AZ1 were collected from three boreholes (RC104, RC108, RC143) during one monitoring round in January 2008 (IGSL, 2008), from four boreholes (NBH401, NBH402, NBH406, NBH72) during two monitoring rounds in January and March 2021, located within the Estuary and the Seatown Areas, and from three boreholes (ABH08, ABH08ii, and ABH09) during three monitoring rounds between May and July 2021, located within the Fostertown and North Portal Areas. Exceedances of the CWSC are summarized in Table 4.3.

Table 4.3: Summary of CWSC Exceedances (Groundwater) in AZ1

Works Area	Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
ESTUARY PARK & RIDE	NBH72-S	1	DWS	Ammoniacal Nitrogen as N
		4	IGV	Chloride, Iron, Manganese, Total Petroleum Hydrocarbons
ESTUARY - SEATOWN	NBH401	3	IGV	Chloride, Potassium, Boron
	NBH402	1	DWS	Phosphorus
		3	IGV	Chloride, Potassium, Boron

Works Area	Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
	NBH406	3	IGV	Manganese, Potassium, Boron
	RC104	1	IGV	Boron
	RC108	1	IGV	Boron
BROAD MEADOW VIADUCT	RC143-D	1	IGV	Boron
FOSTERTOWN CUT AND COVER	ABH08	1	DWS	Ammoniacal Nitrogen as N
		1	EQS	Biological Oxygen Demand
		2	IGV	Chloride, Barium
	ABH08ii	1	DWS	Ammoniacal Nitrogen as N
		3	IGV	Calcium, Chloride, Total Petroleum Hydrocarbons
NORTH PORTAL	ABH09	1	DWS	Ammoniacal Nitrogen as N
		1	IGV	Chloride

Concentrations of boron exceeded the IGV in six of 10 locations. Manganese and potassium exceeded the IGV in two and three locations respectively, while iron and chloride exceeded the IGV in one and six locations respectively. Concentrations of Ammoniacal Nitrogen as N and Phosphorus were found to exceed DWS three locations and one location respectively. Total Petroleum Hydrocarbon (TPH) concentrations at NBH72 in the Estuary area was around 10 times higher than IGV of 10µg/l, primarily comprising the Aliphatic C12-C16 fraction (a large constituent of diesel).

4.2.3 Soil Leachate

23 no. soil samples were subject to BSEN12457-3 Waste Acceptance Criteria (WAC) two stage leachate analysis, and the results of the 2:1 ratio leaching values have been compared with the CWSC. Exceedances of the screening criteria are summarised in Table 4.4.

Table 4.4: Summary of CWSC Exceedances (Leachate) in AZ1

Works Area	Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
ESTUARY - SEATOWN	ATP07	0.5	1	IGV	Phenols
		4.1	2	DWS	Antimony, Selenium
		11	1	DWS	Antimony
		11	1	IGV	Nickel
	NBH402	0.5	1	IGV	Chloride
	NBH403	7.3	1	DWS	Selenium
	NBH406	0.5	1	IGV	Mercury
	NBH407	0.5	1	IGV	Mercury
	NBH408	0.5	1	IGV	Mercury
SEATOWN STATION	ABH01	1	1	IGV	Phenols
		4	1	DWS	Selenium
		5	1	DWS	Selenium
		5	1	IGV	Phenols
		7.6	1	IGV	Phenols
		14	2	IGV	Chloride, Arsenic
	ABH02	4	1	DWS	Selenium
		5	1	DWS	Selenium
		7	1	DWS	Selenium
		12	1	DWS	Selenium

Works Area	Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
SWORDS STATION	ABH03	4	1	DWS	Selenium
FOSTERTOWN STATION	ABH05	2.5	1	DWS	Selenium
		9.9	1	DWS	Selenium
		9.9	1	IGV	Chromium
		12	1	DWS	Selenium
		12	2	IGV	Arsenic, Chromium
	ABH06	6.1	1	DWS	Selenium
		6.1	1	IGV	Chloride
		15	1	DWS	Selenium
	ABH07	8.5	1	DWS	Selenium
		13.5	1	DWS	Selenium
FOSTERTOWN C/C&C	ABH08	1.3	1	DWS	Antimony
		3.8	1	DWS	Selenium
		4.8	1	DWS	Selenium
		8	1	DWS	Selenium
NORTH PORTAL	ABH09	8.6	1	DWS	Selenium
		11.5	1	DWS	Selenium
		19.8	1	DWS	Selenium

Leachate exceedances in AZ1 were identified in thirty-seven of the scheduled samples, mostly of mercury (IGV) and antimony and selenium (DWS), along with three exceedances of chloride, two of chromium and one of nickel (IGV). Four detections of Phenol exceeded IGV criteria in soil samples recovered immediately to the north and to the south of the R132 Seatown Road roundabout and can be attributed to the made ground associated with the R132 corridor.

4.2.4 Ground Gas

Two rounds of ground gas monitoring data are available, undertaken on 2 no. locations (for methane, carbon dioxide, oxygen, hydrogen sulphide and gas flow) during February and March 2021. The ground gas monitoring undertaken is summarised in Table 4.5, full monitoring results are presented in Appendix F.

Table 4.5: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ1	ESTUARY PARK & RIDE	NBH72-S	09/02/2021, 23/03/2021	2
	ESTUARY - SEATOWN	NBH403-S	09/02/2021, 23/03/2021	2

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.6.

Table 4.6: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ1	ESTUARY - SEATOWN	2	0.8	1.8	0.8	0.0064	0.0144	1	1
	ESTUARY PARK & RIDE	2	0.1	2	0.7	0.0007	0.014	1	1

Notes:

1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.

GSV: Gas screening value, flow rate X gas concentration as a %

CS: Characteristic situation for gas protection measures

Table 4.7 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.7: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points[1]	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ1	ESTUARY - SEATOWN	2	2	No data	1.5	100
	ESTUARY PARK & RIDE	2	1.8	No data		

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

Maximum measured concentrations of Carbon Dioxide concentrations exceed the short term WEL. Carbon monoxide concentration data was not available. Hydrogen sulphide concentrations were all below instrument detection limits.

4.3 AZ2 – Airport Section

4.3.1 Soil Screening

Soil samples where GAC exceedances were recorded, asbestos was detected and/or VOCs/SVOCs detected are summarised in Table 4.8 to Table 4.10.

Table 4.8: Summary of Soil GAC exceedances in AZ2

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
Inside Works Area					
ABH12	1.7	5	0	Arsenic, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene	
ABH12	2.7	1	0	Arsenic	
ABH13	0.7	1	0	Lead	
ABH13	3.7	1	0	Arsenic	
ABH13	10	1	0	Arsenic	
ABH13	20	1	0	Arsenic	
ABH14	0.3	2	0	Arsenic, Lead	
ATP26	1.7	6	0	Aromatic TPH >C8-C10, Aromatic TPH >C10-C12, Aromatic TPH >C12-C16, Aromatic TPH >C16-C21, Aliphatic TPH >C8-C10, Aliphatic TPH >C10-C12, Dibenz(a,h)Anthracene	
ATP27	0.3	1	0	Dibenz(a,h)Anthracene	
NBH05	0.5	1	0	Chromium[1]	
NBH07	0.5	1	0	Chromium[1]	
NBH60	0.5	7	2	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Indeno(1,2,3-c,d)Pyrene, Chromium
				Commercial	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene
NBH60	1	1	0	Chromium[1]	
NBH61	1	3	1	Residential	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Chromium
				Commercial	Dibenz(a,h)Anthracene
NBH62	0.5	1	0	Chromium[1]	
Within 250m of Works Area					
NBH501	0.5	1	0	Chromium[1]	
NBH502	0.5	1	0	Chromium[1]	
NTP501	0.5	1	0	Chromium[1]	
NTP502	0.5	1	0	Chromium[1]	
NTP508	2	1	0	Chromium[1]	

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.9: Summary of VOC Detections in AZ2

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Inside Works Area			
ABH12	1.7	2	Dibenzofuran, Carbazole
ABH13	1.3	10	Benzene, Toluene, Ethylbenzene, m & p-Xylene, o-Xylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Isopropylbenzene, N-Propylbenzene, 4-Isopropyltoluene
ABH13	2.7	5	Benzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Isopropylbenzene, N-Propylbenzene, Sec-Butylbenzene
ABH13	10	2	Benzene, Trichloroethene
ABH17	1	2	Dibenzofuran, 2-Methylnaphthalene
ABH17	10	2	Diethyl Phthalate, 2-Methylnaphthalene
ATP26	1.7	2	Bis(2-Ethylhexyl)Phthalate, Di-N-Octyl Phthalate
ATP27	0.3	1	Carbazole
ATP28	0.7	3	Dibenzofuran, Carbazole, 2-Methylnaphthalene

Table 4.10: Detail of Asbestos Detections in AZ2

Exploratory Location	Sample Depth (m)	Asbestos Detected	Detail
Within 250m of Works Area			
ATP27	0.3	Amosite	Fibres/clumps, 0.001%

All investigation locations found to exceed soil GAC within the Dublin Airport area are located within the footprint of an historic quarry operational 1837 – 1937 which is thought to be infilled. This area of the site is predominantly used for car parking with bus terminals to the north and south. The exceedances are likely mainly attributable to the quarry fill material itself, there also is potential for the use of the area as a car park to affect sub-surface (e.g. by leaks / spills of fuel and lubricants from vehicles. There is no strong evidence of the influence of airport operations (e.g. fuelling, maintenance and de-icing) on the proposed Dublin Airport Station location.

Four soil samples from the airport and historic quarry area were subjected to PFAS analysis. All determinands were below the limit of detection with the exception of NBH60 0.5m, where PFOS was detected at 0.001mg/kg. This is equal to the analysis method detection limit and below the EA soil screening value of 0.014 mg/kg.

One soil sample recovered from ATP27 at 0.3mbgl was found to contain amosite fibres with total asbestos measured at 0.001%. No other asbestos was recorded in AZ2.

4.3.2 Groundwater and Surface Water

Groundwater samples were obtained from six locations at the Dublin Airport station location (NBH04, NBH60, NBH61, NBH62, ABH10, ABH12) and four at the South Portal (MN/104/BH/003, NBH06, NBH06A, NBH06W). Exceedances of CWSC are summarised in Table 4.11.

Table 4.11: Summary of CWSC Exceedances (Groundwater) in AZ2

Works Area	Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
DUBLIN AIRPORT	NBH04	3	DWS	1,1,1,2-Tetrachloroethane, Ammoniacal Nitrogen as N, Aliphatic TPH >C12-C16
		1	EQS	Cobalt
		7	IGV	Chloride, 1,1,1-Trichloroethane, Iron, Manganese, Barium, Boron, Total Petroleum Hydrocarbons
	NBH60	3	DWS	1,1,1,2-Tetrachloroethane, Aromatic TPH >C16-C21, Aromatic TPH >C21-C35
		6	IGV	Chloride, Benzo[g,h,i]perylene, Indeno(1,2,3-c,d)Pyrene, Fluoranthene, Benzo[a]pyrene, Total Petroleum Hydrocarbons
	NBH61	1	IGV	Chloride
	NBH62	1	DWS	Phosphorus
		5	IGV	Chloride, Manganese, Barium, Boron, Total Petroleum Hydrocarbons
SOUTH PORTAL	MN/104/BH/003	2	DWS	N-Nitrosodi-N-propylamine, Ammoniacal Nitrogen as N
		1	IGV	Chloride
	NBH06A	1	DWS	Ammoniacal Nitrogen as N
		4	IGV	Chloride, Iron, Manganese, Boron
	NBH06W	1	DWS	Ammoniacal Nitrogen as N
		1	EQS	Biological Oxygen Demand
		4	IGV	Chloride, Fluoride, Potassium, Boron
Within 250m of Works Area				
DUBLIN AIRPORT <250	ABH12	1	DWS	Ammoniacal Nitrogen as N
		1	EQS	Biological Oxygen Demand
		4	IGV	Chloride, Barium, Iron, Potassium

The PAH congeners Benzo(a)pyrene (0.042mg/l), benzo(ghi)perylene (0.023mg/l), fluoranthene (0.054mg/l) and indeno(123cd)pyrene (0.022mg/l) were encountered at NBH60 at concentrations of approximately 50 to 4000 times higher than IGV. IGV exceedances of total TPH were recorded at NBH04 and NBH60, with concentrations of 1.86mg/l and 1.81mg/l respectively, around 180 times the IGV. It should be noted that the distribution of individual hydrocarbon fractions was different at both boreholes NBH04 and NBH60 suggestive of different contamination sources. Additionally, these hydrocarbons were detected at different depths; the well screen interval of NBH60 is between 0.8 and 1.5 m bgl and the origin of encountered hydrocarbons is likely to be related with made ground as elevated concentration of TPH (420 mg/kg) was encountered at 0.5mbgl in made ground. NBH04 has a well screen interval between 16 and 30mbgl, within the bedrock.

The following metals exceeded the relevant IGV: barium, boron, cobalt, manganese, potassium and total iron. Chloride concentrations were above screening levels (IGV) at all locations, with ammoniacal nitrogen above DWS at two locations. The EQS was slightly exceeded by Biological Oxygen Demand (BOD) at two locations. Four selected locations from the airport and historic quarry were subjected to PFAS Total Oxidisable Precursor (TOP) analysis; all the PFAS/PFOA/PFOS compounds within the analysis suite were below the limit of laboratory detection (0.00005mg/l).

4.3.3 Soil Leachate

Thirty soil samples were subject to BSEN12457-3 Waste Acceptance Criteria (WAC) two stage leachate analysis, and the results of the 2:1 ratio leaching values have been compared with the CWSC. Exceedances of the screening criteria are summarised in Table 4.12.

Table 4.12: Summary of CWSC Exceedances (Leachate) in AZ2

Works Area	Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area					
DUBLIN AIRPORT	ABH14	0.3	1	IGV	Barium
	ABH14a	0.7	1	DWS	Antimony
	NBH60	1	1	IGV	Sulphate (2:1 Water Soluble) as SO4
SOUTH PORTAL	ABH17	0.4	1	IGV	Phenols
		10	1	DWS	Selenium
Within 250m of Works Area					
FTWN - NTH PRTL <250	NTP501	0.5	1	IGV	Total Dissolved Solids (TDS)
	NTP504	0.5	1	IGV	Lead
	NTP506	0.5	1	IGV	Lead
DUBLIN AIRPORT <250	ABH11	20	1	DWS	Selenium

Comparison of the 2:1 ratio leaching values from the WAC analysis of eight soil samples indicated exceedances of IGV (barium, lead, sulphate, phenols, and TDS) and DWS (antimony and selenium). All observed exceedances were marginally above the respective criteria.

4.3.4 Ground Gas

Up to three rounds of ground gas monitoring data are available, undertaken during January, February and March 2021 of locations at Dublin Airport and the South Portal, as summarised in Table 4.13. Full monitoring results are presented in Appendix F.

Table 4.13: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ2	DUBLIN AIRPORT	NBH04, NBH60, NBH61, NBH62	09/02/2021, 25/03/2021	2
	SOUTH PORTAL	NBH05-S, NBH07	28/01/2021, 09/02/2021, 26/03/2021	3

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.14.

Table 4.14: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ2	DUBLIN AIRPORT	8	1	3.8	0.8	0.008	0.0304	1	1
	SOUTH PORTAL	5	0.3	1.2	0.8	0.0024	0.0096	1	1

Notes:

1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.

GSV: Gas screening value, flow rate X gas concentration as a %

CS: Characteristic situation for gas protection measures

Table 4.15 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.15: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points[1]	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ2	DUBLIN AIRPORT	8	3.8	No data	1.5	100
	SOUTH PORTAL	5	1.2	No data		

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

The carbon dioxide short term WEL was breached within Dublin Airport. No data is available for carbon monoxide. Hydrogen sulphide concentrations were all below instrument detection limits.

4.4 AZ3 - Dardistown to Northwood Section

4.4.1 Soil Screening

Soil samples where GAC exceedances were recorded are summarised in Table 4.16.

Table 4.16: Summary of Soil GAC Exceedances in AZ3

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail
Inside Works Area				
NBH08	1	3	0	Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene
NBH73	0.5	1	0	Chromium[1]
ABH19	2	1	0	Naphthalene

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Where recorded, GAC exceedances were of chromium or PAHs. Chromium exceedances were recorded in the northern and southern extents of the AZ3 study area and were associated with shallow made ground, natural or reworked natural ground. PAH exceedances were associated with made ground in the vicinity of the proposed depot (NBH08) and the central reservation of the R108 road (ABH19). However, the locations of the made ground areas cannot be directly associated with any of the sources detailed in Section 3.5.8 or Appendix D and are likely to be the result of historic unmapped activities.

4.4.2 Groundwater and Surface Water

Groundwater samples were collected from six boreholes within AZ3 (AWN01, AWN02, MN/104/BH/002A, MN/104/TP/006, NBH12, NBH73-S) during five monitoring rounds, exceedances of CWSC are summarized in Table 4.17.

Table 4.17: Summary of CWSC (Groundwater) Exceedances in AZ3

Works Area	Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
DARDISTOWN DEPOT	AWN01	1	DWS	Ammoniacal Nitrogen as N
		5	IGV	Chloride, Iron, Manganese, Potassium, Boron
	AWN02	2	DWS	Selenium, Ammoniacal Nitrogen as N
		2	IGV	Manganese, Boron
	MN/104/BH/002A	1	DWS	Ammoniacal Nitrogen as N
		5	IGV	Bis(2-Ethylhexyl)Phthalate, Chloride, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Total TPH
	MN/104/TP/006	1	DWS	Ammoniacal Nitrogen as N
		3	IGV	Nitrite, Chloride, Conductivity, Sulphate, Total TPH
NORTHWOOD C/C&C	NBH12	1	DWS	Ammoniacal Nitrogen as N
		3	IGV	Chloride, Manganese, Boron
NORTHWOOD TUNNEL	NBH73-S	2	IGV	Manganese, Boron

Exceedances of ammoniacal nitrogen and chloride were widespread throughout the groundwater samples. Hydrocarbons were also recorded, though the concentrations were only marginally elevated above DWS. PAHs were also recorded in one sample.

4.4.3 Soil Leachate

Forty soil samples were subjected to leachate analysis and the exceedances of CWSC are detailed in Table 4.18.

Table 4.18: Summary of CWSC (Leachate) Exceedances in AZ3

Works Area	Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
DARDISTOWN DEPOT	ATP30i	2.5	1	DWS	Selenium
	MN/104/TP/005	4.2	2	IGV	Barium, Zinc
	MN/104/TP/006	0.4	1	IGV	Barium
	MN/104/TP/007	1.1	1	DWS	Antimony
		1.1	1	IGV	Barium
	MN/104/TP/009	1.8	2	IGV	Chloride, Barium
	MN/104/TP/010	1.6	2	IGV	Barium, Zinc
	MN104/TP/001	0.8	2	IGV	Barium, Zinc
NORTHWOOD C/C&C	ABH18	9	1	DWS	Selenium
		11.5	1	DWS	Selenium
		21.8	1	DWS	Selenium
	ABH19	0.5	1	IGV	Sulphate (2:1 Water Soluble) as SO4
		2	1	DWS	Selenium
		10	1	DWS	Selenium
		13	1	DWS	Selenium
		23	1	DWS	Selenium
	ABH20	2	1	DWS	Selenium
		4	1	DWS	Selenium
		7.45	1	DWS	Selenium

Leachable barium in exceedance of the IGV was widespread in the northern part of the section, with some instances of chloride, zinc and antimony. Leachable selenium was found to exceed DWS in multiple locations.

4.4.4 Ground Gas

Two rounds of ground gas monitoring data are available, undertaken during February and March 2021 of locations at Dardistown and Northwood as summarised in Table 4.19. Full monitoring results are presented in Appendix F.

Table 4.19: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ3	NORTHWOOD TUNNEL	NBH73-S	09/02/2021, 12/03/2021	2
	DARDISTOWN DEPOT	AWN01, AWN02	26/03/2021	1

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground

gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.20.

Table 4.20: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ3	DARDISTOWN DEPOT	2	0.3	0.7	0.4	0.0012	0.0028	1	1
	NORTHWOOD TUNNEL	2	0.3	1.9	0.7	0.0021	0.0133	1	1

Notes:

1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.

GSV: Gas screening value, flow rate X gas concentration as a %

CS: Characteristic situation for gas protection measures

Table 4.21 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.21: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points[1]	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ3	DARDISTOWN DEPOT	2	2	No data	1.5	100
	NORTHWOOD TUNNEL	0.7	1.9	No data		

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

The carbon dioxide short term WEL was breached within both the Dardistown Depot and Northwood Tunnel monitoring locations. Carbon monoxide concentrations are not available. Hydrogen sulphide concentrations were all below instrument detection limits.

4.5 AZ4 - Northwood to Charlemont Section

The results are detailed on a station-by-station basis under the following sub-headings.

4.5.1 Ballymun Station

4.5.1.1 Soil Screening

Soil samples where GAC exceedances were recorded, asbestos was detected and/or VOCs/SVOCs detected are summarised in Table 4.22 to Table 4.24.

Table 4.22: Summary of GAC Exceedances in the Ballymun Station Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail
Within 250m of Works Area				
NBH204	0.4	1	0	Chromium[1]

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.23: Summary of VOC/SVOC Detections in the Ballymun Station Area

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Inside Works Area			
ABH23	19.24	3	Toluene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene
NBH203A	0.5	1	Bis(2-Ethylhexyl)Phthalate
Within 250m of Works Area			
NBH101	2.5	7	Ethylbenzene, o-Xylene, m & p-Xylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, N-Butylbenzene, N-Propylbenzene

Table 4.24: Detail of Asbestos Detections the Ballymun Station Area

Exploratory Location	Sample Depth (m)	Asbestos Detected	Detail
Within 250m of Works Area			
NBH80	0.3	Amosite	< 0.001%
NBH80	1.2	Amosite	< 0.001%

One exceedance of the residential GAC for chromium was reported in the study area, approximately 100m south of the Works Area. This was in made ground likely associated with the road network. VOCs were detected in the north and centre of the study, associated with general urban made ground and an area of fill at the now derelict Ballymun Shopping Centre. Marginal detections of VOCs were reported in soil samples recovered from ABH23 at 19.24m. Five other samples were recovered from ABH23 at 0.5, 2.0, 5.5, 10.5, and 29.7m bgl all of which reported VOCs below the laboratory MDL.

Two soil samples recovered from NBH80, located approximately 380m north of Ballymun Station (chainage 10780), were found to contain fibres of Amosite asbestos, quantified at <0.001%.

4.5.1.2 Groundwater and Surface Water

Groundwater samples were collected from three boreholes (NBH203A-S, NBH203A-D, ABH25) within the Ballymun Station area during three monitoring rounds between January and July 2021. ABH25 was sampled on 3 occasions, NBH203A-D on 2 occasions and NBH203A-S on 1 occasion. Exceedances of CWSC are summarized in Table 4.25.

Table 4.25: Summary of CWSC Exceedances (Groundwater) in the Vicinity of Ballymun Station

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
NBH203A-D	4	DWS	Vinyl Chloride, Ammoniacal Nitrogen as N, Aromatic TPH >C12-C16, Aliphatic TPH >C12-C16
	6	IGV	Chloride, Aluminum, Manganese, Potassium, Boron, Total Petroleum Hydrocarbons
NBH203A-S	4	DWS	Ammoniacal Nitrogen as N, Aromatic TPH >C21-C35, Aliphatic TPH >C10-C12, Aliphatic TPH >C21-C35
	1	EQS	Biological Oxygen Demand
	3	IGV	Manganese, Potassium, Total Petroleum Hydrocarbons
ABH25	1	DWS	Ammoniacal Nitrogen as N
	3	IGV	Chloride, Total Dissolved Solids, Total Petroleum Hydrocarbons

TPH fractions Aliphatic TPH C_6-C_{21}, Aromatic TPH C_{12}-C_{16}, Aliphatic TPC C_8-C_{16}, C_{21}-C_{35} and Aromatic TPH C_{21}-C_{35} were detected in NBH203A-D and NBH203A-S respectively during the groundwater monitoring round completed in January 2021. Groundwater samples were collected from NBH203A-D on a second occasion in March 2021 where all TPH fractions were reported below laboratory MDL.

NBH203A-S is installed with a well screen between 18.4 and 18.5mbgl within a band of slightly sandy slightly clayey gravel. NBH203A-D is installed with a well screen between 22.0 and 35.0mbgl within the limestone bedrock.

The encountered TPH could be related to potential historical storage tanks associated with Ballymun Shopping Centre, or an historic tank noted on mapping between 1937 and 1975 (Source No. 54). However, as the detection was not repeated during the second monitoring round cross contamination of the initial sample during sampling or transport cannot be ruled out at this stage.

4.5.1.3 Soil Leachate

Twenty-five soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.26.

Table 4.26: Summary of CWSC Exceedances (Leachate) in the Vicinity of Ballymun Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
ABH23	5.5	1	DWS	Selenium
	10.5	1	DWS	Selenium
	29.7	2	IGV	Arsenic, Chromium
ABH24A	1.5	1	DWS	Selenium
ABH24B	0.7	1	IGV	Phenols
	1.8	1	IGV	Phenols
	4.8	1	DWS	Selenium
	22	2	DWS	Antimony, Selenium
ABH25	8.7	1	DWS	Selenium
ATP37	2.6	1	DWS	Selenium
Within 250m of Works Area				
NBH204	0.4	5	IGV	Chloride, Barium, Chromium, Total Dissolved Solids, pH

Leachable arsenic and chromium were reported to exceed IGV in one location, with two exceedances of Phenols noted in shallow samples recovered from ABH24B in the vicinity of the derelict Ballymun Shopping Centre. Leachable selenium was found to exceed DWS in multiple locations with one exceedance of antimony.

4.5.1.4 Ground Gas

No ground gas monitoring has been completed in the vicinity of the Ballymun Station works area at the time of reporting.

4.5.2 Collins Avenue Station

4.5.2.1 Soil Screening

Soil samples where GAC exceedances were recorded, asbestos was detected and/or VOCs/SVOCs detected are detailed in Table 4.27 to Table 4.29.

Table 4.27: Summary of GAC Exceedances in the Collins Avenue Station Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail
Within 250m of Works Area				
NBH206	0.5	3	0	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Chromium[1]
NBH207	0.5	2	0	Dibenz(a,h)Anthracene, Chromium[1]
NBH207	1	2	0	Dibenz(a,h)Anthracene, Pentachlorophenol

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.28: Detail of Asbestos Detections in the Collins Avenue Station Area

Exploratory Location	Sample Depth (m)	Asbestos Detected	Detail
Within 250m of Works Area			
NBH206	0.5	Chrysotile	Fibres/clumps, 0.002%
NBH207	0.5	Chrysotile	Free fibres, 0.002%

Table 4.29: Detail of VOC/SVOC Detections in the Collins Avenue Station Area

Exploratory Location	Sample Depth (m)	No. of VOCs/SVOCs >LOD	Detail
Within 250m of Works Area			
NBH207	1	1	Pentachlorophenol

Exceedances of soils GAC were not recorded within the Works Area, however exceedances were encountered for chromium and PAHs within the Study Area, within 250m of the Works Area. Asbestos was recorded at 0.002% in two exploratory locations, also within 25m of the Works Area. VOCs/SVOCs were encountered to the south of the Works Area. The GAC exceedances can be attributed to made ground likely associated with the R108 corridor.

4.5.2.2 Groundwater and Surface Water

Groundwater samples were collected from two boreholes within the Collins Avenue Station area during two monitoring rounds, exceedances of CWSC are summarized in Table 4.30.

Table 4.30: Summary of CWSC Exceedances (Groundwater) in the Vicinity of Collins Avenue

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area			
NBH207-D	1	DWS	Ammoniacal Nitrogen as N
	3	IGV	Chloride, Manganese, Boron
Within 250m of Works Area			
NBH102-S	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Chloride, Iron, Manganese, Boron

Detections of chloride, manganese, and boron were reported to exceed IGV in both monitoring locations, along with an exceedance for iron concentrations in one location. Ammoniacal Nitrogen as N exceeded DWS in both monitoring locations.

4.5.2.3 Soil Leachate

Twenty-four soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.31.

Table 4.31: Summary of CWSC Exceedances (Leachate) in the Vicinity of Collins Avenue Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
ABH27	3	1	DWS	Selenium
	29.1	2	DWS	Antimony, Selenium
ABH28	4	1	DWS	Selenium
	14.8	1	DWS	Selenium
	21.2	1	DWS	Antimony
	27	1	DWS	Antimony
ABH29	2.5	2	IGV	Barium, Total Dissolved Solids
	3.5	1	DWS	Selenium
	3.5	1	IGV	Barium
	6.2	1	DWS	Selenium
	11.3	1	DWS	Selenium
	26.5	1	DWS	Selenium
NBH207	0.5	4	IGV	Fluoride, Nickel, Zinc, pH

Leachable selenium and antimony concentrations exceeded DWS in several samples from both made ground and natural deposits within the Works Area. Barium concentrations exceeded the IGV at shallow depths in two locations along with fluoride, nickel and zinc adjacent to the Works Area (NBH207).

4.5.2.4 Ground Gas

No ground gas monitoring has been completed in the vicinity of the Collins Avenue Station Works Area at the time of reporting.

4.5.3 Albert College Park Intervention Shaft

4.5.3.1 Soil Screening

Soil samples where GAC exceedances were recorded are summarised in Table 4.32 and VOC/ SVOC detections in Table 4.33.

Table 4.32: Summary of GAC Exceedances in the Albert College Intervention Shaft Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail
Inside Works Area				
ABH30i	13	1	0	Arsenic
Within 250m of Works Area				
MGI/BH/604	1	1	0	Chromium[1]
MGI/BH/612	1	1	0	Chromium[1]

Notes
1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.
Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.33: Detail of VOC/SVOC Detections in the Albert College Intervention Shaft Area

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Within 250m of Works Area			
MGI/BH/604	1	1	Bromodichloromethane
MGI/BH/612	1	1	Bromodichloromethane

One exceedance of the residential GAC was recorded in the Works Area for arsenic at 13mbgl, in natural ground, which may represent natural background concentrations. Within the study area chromium exceeded the residential GAC at shallow depths, with bromodichloromethane also detected in these two locations. These instances are from samples of natural ground with no obvious attributable potential source.

4.5.3.2 Groundwater and Surface Water

Groundwater samples were collected from 1 no. borehole within the Albert College Park Intervention Shaft Works Area during two monitoring rounds, exceedances of CWSC are summarized in Table 4.34.

Table 4.34: Summary of CWSC Exceedances (Groundwater) in the vicinity of the Albert College Park Intervention Shaft

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
ABH30i	2	DWS	Selenium, Ammoniacal Nitrogen as N
	1	EQS	Biological Oxygen Demand
	7	IGV	Nitrite, Chloride, Iron, Manganese, Nickel, Potassium, Boron

Exceedances of assessment criteria have been encountered for metals (selenium, manganese, potassium, boron) and inorganic compounds (ammoniacal nitrogen, biological oxygen demand, chloride and nitrite) during both monitoring rounds. Potential sources of contamination have not been identified in the Works Area in this location.

4.5.3.3 Soil Leachate

Two soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.35

Table 4.35: Summary of CWSC Exceedances (Leachate) in the vicinity of the Albert College Park Intervention Shaft

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
ABH30i	28	1	DWS	Antimony
NBH208	0.5	1	IGV	Phenols

Leachable antimony and phenols exceeded the DWS and IGV respectively. The Phenols exceedance is associated with shallow made ground, while the antimony exceedance is associated with a bedrock sample and may represent background concentrations.

4.5.3.4 Ground Gas

One round of ground gas monitoring data is available, undertaken during March 2021 of one location at Albert College Park Intervention Shaft as summarised in Table 4.36, full monitoring results are presented in Appendix F.

Table 4.36: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ4	ALBERT COLLEGE PARK	ABH30i	25/03/2021	1

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.37.

Table 4.37: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ4	ALBERT COLLEGE PARK	1	0.6	1.6	0.6	0.0036	0.0096	1	1

Notes:

1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.

GSV: Gas screening value, flow rate X gas concentration as a %

CS: Characteristic situation for gas protection measures

Table 4.38 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.38: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points[1]	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ4	ALBERT COLLEGE PARK	1	1.6	No data	1.5	100

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

Maximum measured concentrations of Carbon Dioxide marginally exceed the short term WEL. No carbon monoxide data was available. Hydrogen sulphide concentrations were all below instrument detection limits.

4.5.4 Griffith Park Station

4.5.4.1 Soil Screening

Soil samples where GAC exceedances were recorded and/or VOCs/SVOCs detected are detailed in Table 4.39 and Table 4.40.

Table 4.39: Summary of GAC Exceedances in the Griffith Park Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
Inside Works Area					
NBH17	1	1	0	Chromium[1]	
NBH211	0.5	1	0	Chromium[1]	
ABH32	14.5	6	1	Residential	Aromatic TPH >C8-C10, Aromatic TPH >C10-C12, Aromatic TPH >C12-C16, Aliphatic TPH >C8-C10, Aliphatic TPH >C10-C12, Aliphatic TPH >C12-C16
				Commercial	Aliphatic TPH >C8-C10
Within 250m of Works Area					
SURGE_2132	0.1	1	0	Beryllium	

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.40: Detail of VOC/SVOC detections in the Griffith Park area

Exploratory Location	Sample Depth (m)	No. of VOCs/SVOCs >LOD	Detail
Within 250m of Works Area			
ABH32	14.5	2	Benzene, Toluene

Two exceedances of the residential chromium GAC were encountered at shallow depths associated with made ground. Several TPH fractions exceeded the residential GAC within ABH32 at 14.5mbgl, with Aliphatic TPH >C8-

C10 also exceeding the commercial GAC at this location in addition to which benzene and toluene were detected. This sample is a limestone sample from 0.6m below rockhead, hydrocarbons were not evident in samples from shallower depths and no obvious evidence of discolouration or unusual odours were identified. A potential source for the observed hydrocarbons is not clear.

4.5.4.2 Groundwater and Surface Water

Groundwater samples were collected from 4 no. boreholes within the Griffith Park Station area over two monitoring rounds, exceedances of CWSC are summarized in Table 4.41.

Table 4.41: Summary of CWSC Exceedances (Groundwater) in the Vicinity of Griffith Park Station

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
NBH17	1	DWS	Selenium
	1	EQS	Biological Oxygen Demand
	7	IGV	Nitrite, Nitrate, Iron, Manganese, Mercury, Potassium, Boron
NBH211	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Chloride, Iron, Manganese, Boron
NBH223-D	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Chloride, Manganese, Potassium, Barium
NBH223-S	1	DWS	Ammoniacal Nitrogen as N
	1	EQS	Biological Oxygen Demand
	7	IGV	Chloride, Benzene, Iron, Manganese, Potassium, Barium, Boron

The nitrogen species nitrate, nitrate and ammoniacal nitrogen as well as chloride were identified in several locations; these compounds often result from organic decay and could be a result of the presence of an historical burial ground at this location. In addition, some metals (manganese, potassium boron, manganese, iron barium) have been identified.

One detection of benzene was made at the eastern extent of the Works Area (NBH223-S), no obvious source for this has been identified.

4.5.4.3 Soil Leachate

Three soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.42.

Table 4.42: Summary of CWSC Exceedances (Leachate) in the Vicinity of Griffith Park Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
ABH33	10.5	1	DWS	Antimony
	26.5	1	DWS	Antimony
NBH223	0.5	1	IGV	Mercury
Within 250m of Works Area				
BH04 (GII)	1.5	1	DWS	Molybdenum
	1.5	3	IGV	Chloride, Fluoride, Total Dissolved Solids

Leachable antimony and mercury exceeded the DWS and IGV respectively. The antimony exceedances are associated with natural boulder clay and bedrock and may represent background concentrations while the mercury

is associated with shallow made ground. Outside the Works Area the exceedances DWS for molybdenum and the IGV for chloride, fluoride and TDS are associated with he made ground adjacent to St Mobni road.

4.5.4.4 Ground Gas

Two rounds of ground gas monitoring data are available, undertaken during February and March 2021 of one location at Griffith park Station as summarised in Table 4.43. Full monitoring results are presented in Appendix F.

Table 4.43: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ4	GRIFFITH PRK STATION	NBH223-S	09/02/2021, 15/03/2021	2

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.44.

Table 4.44: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ4	GRIFFITH PRK STATION	2	0.4	0.6	0.9	0.0036	0.0054	1	1

Notes:

1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.

GSV: Gas screening value, flow rate X gas concentration as a %

CS: Characteristic situation for gas protection measures

Table 4.45 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.45: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points[1]	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ4	GRIFFITH PRK STATION	2	0.6	No data	1.5	100

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

Maximum measured concentrations of Carbon Dioxide did not exceed the short term WEL in the area. Carbon monoxide data is not available. Hydrogen sulphide concentrations were all below instrument detection limits.

4.5.5 Glasnevin Station

4.5.5.1 Soil Screening

Soil samples where GAC exceedances were recorded and/or VOCs/SVOCs detected are detailed in Table 4.46 and Table 4.47.

Table 4.46: Summary of GAC Exceedances in the Glasnevin Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
Inside Works Area (Station Box)					
ABH37	0.5	7	0	Arsenic, Lead, Mercury, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, 1,2-Dichloroethane	
ABH37	10.5	1	0	Mercury	
ABH38	0.5	1	0	Lead	
GBH01	0.5	3	0	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Lead	
Inside Works Area (West of Station Box)					
GBH02	0.5	2	0	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene	
GBH05	1.2	10	2	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Indeno(1,2,3-c,d)Pyrene, Naphthalene, Aromatic TPH >C12-C16, Aromatic TPH >C16-C21, Aromatic TPH >C21-C35
				Commercial	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene
GTP11	0.4	1	0	Arsenic	
GTP13	1	1	0	Chromium[1]	
GTP22	0.5	1	0	Lead	
GTP24	1	2	0	Benzo[b]fluoranthene, Chromium[1]	
GTP25	0.5	3	1	Residential	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Chromium[1]
				Commercial	Chromium[1]
GTP25	1	1	0	Benzo[b]fluoranthene	
NBH19A	0.3	7	0	Chromium[1], Lead, Arsenic, Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Arsenic	
NBH19A	0.5	9	1	Residential	Arsenic, Benzo[a]anthracene, Lead, Dibenz(a,h)Anthracene, Chrysene, Benzo[b]fluoranthene, Benzo[a]pyrene, Chromium[1], Naphthalene
				Commercial	Dibenz(a,h)Anthracene
NBH20	0.3	2	1	Residential	Arsenic, Chromium[1]
				Commercial	Chromium[1]
Within 250m of Works Area					
ABH35	19	1	0	1,2-Dichloroethane	
GTP14	0.5	1	0	Chromium[1]	

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail
GTP19	0.5	1	0	Dibenz(a,h)Anthracene
GTP21	0.5	1	0	Chromium[1]
NBH104	0.3	7	0	Chromium[1], Mercury, Arsenic, Lead, Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Benzo[b]fluoranthene
NBH18	0.5	1	0	Chromium[1]
NBH18	1	2	0	Arsenic, Lead
SURGE_2125	0.1	3	0	Lead, Mercury, Beryllium
SURGE_2126	0.1	3	0	Lead, Dibenz(a,h)Anthracene, Beryllium
SURGE_2129	0.1	7	0	Benzo[a]pyrene, Lead, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Benzo[a]anthracene, Mercury, Beryllium

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.47: Detail of VOC/SVOC (including BTEX) Detections in the Glasnevin Area

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Inside Works Area (Station Box)			
ABH37	0.5	1	Carbazole
ABH38	0.5	2	1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene
Inside Works Area (West of Station Box)			
GTP25	1	1	Carbazole
NBH19A	0.5	3	2-Methylnaphthalene, Carbazole, Dibenzofuran
TPCC04	0.6	9	Benzene, Toluene, Ethylbenzene, o-Xylene, m & p-Xylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Isopropylbenzene, N-Propylbenzene
Within 250m of Works Area			
ABH35	19	1	1,2-Dichloroethane
NBH104	0.3	3	2-Methylnaphthalene, Carbazole, Dibenzofuran

Within the station box area exceedances of residential GAC were encountered for metals (arsenic, lead, mercury), PAHs and dichloroethane associated with made ground at shallow depths. VOCs (carbazole, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene) were also detected in the made ground. Mercury was above the residential GAC at 10.5mbgl in the natural deposits which may be indicative of background concentrations.

No exceedances were encountered in the samples from the track to the east of the station box. To the west of the station box residential exceedances were widespread for metals (arsenic, chromium, lead), various PAH congeners and TPH, all associated with the made ground and track ballast. Detections of VOCs/SVOCs were also recorded within the works area at NBH19A, GTP25 and TPCC04.

4.5.5.2 Groundwater and Surface Water

Groundwater samples were collected from 16 no. boreholes within the Glasnevin Station area during up to four monitoring rounds, exceedances of CWSC are summarized in Table 4.48.

Table 4.48: Summary of CWSC Exceedances (Groundwater) in the Vicinity of Glasnevin Station

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area (station box)			
GBH01-D	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Chloride, Iron, Manganese, Hardness,Calcium as CaCO3
GBH01-S	1	DWS	Ammoniacal Nitrogen as N
	1	EQS	Biological Oxygen Demand
	4	IGV	Chloride, Iron, Manganese, Potassium
Inside Works Area (west of station box)			
GBH02-D	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Chloride, Iron, Manganese, Potassium
GBH02-S	1	DWS	Ammoniacal Nitrogen as N
	3	IGV	Chloride, Iron, Manganese
GBH04-D	1	DWS	Ammoniacal Nitrogen as N
	6	IGV	Chloride, Iron, Manganese, Potassium, Barium, Sulphate
GBH04-S	1	DWS	Ammoniacal Nitrogen as N
	1	EQS	Cobalt
	4	IGV	Chloride, Iron, Manganese, Hardness,Calcium as CaCO3
GBH13	1	DWS	Ammoniacal Nitrogen as N
	3	IGV	Chloride, Iron, Manganese
NBH19A	3	IGV	Chloride, Manganese, Boron
NBH19W	1	EQS	Biological Oxygen Demand
	4	IGV	Chloride, Iron, Manganese, Boron
NBH20-S	1	DWS	Ammoniacal Nitrogen as N
	3	IGV	Manganese, Barium, Boron
Within 250m of Works Area			
BH02A	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Chloride, Iron, Manganese, Potassium
GBH06	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Chloride, Fluoride, Iron, Manganese
GBH09	1	DWS	Ammoniacal Nitrogen as N
	1	EQS	Biological Oxygen Demand
	2	IGV	Chloride, Manganese
GBH11	1	DWS	Ammoniacal Nitrogen as N
	2	IGV	Manganese, Potassium
NBH18-S	1	DWS	Ammoniacal Nitrogen as N
	5	IGV	Nitrite, Chloride, Iron, Manganese, Boron
NBH213	2	DWS	Ammoniacal Nitrogen as N, Antimony
	3	IGV	Total Dissolved Solids, Chloride, Potassium

Ammoniacal nitrogen and chloride appear to be widespread above assessment criteria both within the Works Area (station box and west of station box) and adjacent to the Works Area. These determinants could result from a variety of sources including cemeteries which are present in the area. In addition, metals are present including iron, manganese, potassium and boron as well as elevated hardness and BOD.

4.5.5.3 Soil Leachate

Ten soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.49.

Table 4.49: Summary of CWSC Exceedances (Leachate) in the Vicinity of Glasnevin Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area (Station Box)				
ABH37	0.5	1	IGV	Arsenic
	4.5	1	DWS	Selenium
	5.5	1	DWS	Selenium
ABH38	24.3	2	DWS	Antimony, Selenium
GBH01	0.5	2	IGV	Chloride, Arsenic
TPCC12	0.4	1	DWS	Selenium
Inside Works Area (West of Station Box)				
GBH12	1.2	1	DWS	Selenium
	1.2	1	IGV	Sulphate (2:1 Water Soluble) as SO4
GBH18	1	1	DWS	Selenium
	1	1	IGV	Chloride
GBH19	2	1	DWS	Selenium
GBH29	1.8	1	DWS	Selenium
GBH32	1	1	DWS	Antimony
	1	1	IGV	Barium
GTP22	0.5	1	IGV	Barium
GTP25	0.5	1	IGV	Chloride
NBH19A	0.3	1	DWS	Molybdenum
Within 250m of Works Area				
BH02A	1	1	DWS	Molybdenum
	1	1	IGV	Nickel
GBH11	0.5	1	IGV	Phenols
	2	1	IGV	Phenols
	4	1	DWS	Selenium
	4	2	IGV	Chloride, Phenols

Leachable Arsenic, antimony, selenium, barium, molybdenum, barium and chloride concentration exceeded their respective DWS and IGV within and outside the Works area, primarily associated with the made ground although antimony and selenium are present within a bedrock sample (ABH38 at 24.3mbgl) which may represent natural background concentrations. In addition, phenols were identified in one location (GBH11) outside the Works Area.

4.5.5.4 Ground Gas

Up to three rounds of ground gas monitoring data are available, undertaken during February and March 2021 of three locations at Glasnevin Station as summarised in Table 4.50, full monitoring results are presented in Appendix F.

Table 4.50: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ4	**Inside Works Area**			
	GLASNEVIN STATION	GBH02-S, GBH04-S	09/02/2021, 28/02/2021, 22/03/2021	3
	Within 250m of Works Area			
	GLASNEVIN STN <250	NBH18-S	09/02/2021, 16/03/2021	2

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.51.

Table 4.51: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ4	GLASNEVIN STATION	5	0.3	2.7	0.9	0.0027	0.0243	1	1
	GLASNEVIN STN <250	2	0.4	0.7	0.5	0.002	0.0035	1	1

Notes:

1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.

GSV: Gas screening value, flow rate X gas concentration as a %

CS: Characteristic situation for gas protection measures

Table 4.52 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.52: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points[1]	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ4	GLASNEVIN STATION	5	2.7	No data	1.5	100
	GLASNEVIN STN <250	2	0.7	No data		

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

The carbon dioxide short term WEL was breached at monitoring locations within the Glasnevin Station works area. Carbon monoxide data was not available. Hydrogen sulphide concentrations were all below instrument detection limits.

4.5.6 Mater Station

4.5.6.1 Soil Screening

Soil samples where GAC exceedances were recorded and/or VOCs/SVOCs detected are detailed in Table 4.53 and Table 4.54.

Table 4.53: Summary of GAC Exceedances in the Mater Station Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
Inside Works Area					
ABH40	14.6	1	0	Mercury	
ABH41	0.5	8	2	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Indeno(1,2,3-c,d)Pyrene, Naphthalene, Lead
				Commercial	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene
ABH41	13	1	0	Mercury	
NBH21	1	2	0	Benzo[b]fluoranthene, Indeno(1,2,3-c,d)Pyrene	
NBH215	1	1	0	Chromium[1]	
NBH216A	0.25	14	4	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Fluoranthene, Indeno(1,2,3-c,d)Pyrene, Naphthalene, Phenanthrene, Pyrene, Aromatic TPH >C12-C16, Aromatic TPH >C16-C21, Aromatic TPH >C21-C35, Chromium
				Commercial	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene
NBH216A	0.6	6	1	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Naphthalene
				Commercial	Dibenz(a,h)Anthracene
NBH216A	1.2	5	0	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Mercury	
Within 250m of Works Area					
A1	0.2	2	0	Berylium, Lead	
C	1.2	3	0	Dibenz(a,h)Anthracene, Beryllium, Lead	
D	0.6	3	0	Lead, Beryllium, Arsenic	
D	1.2	3	0	Lead, Beryllium, Arsenic	
MGI/BH/640	0.5	3	0	Dibenz(a,h)Anthracene, Mercury, Lead	
MGI/BH/640	1.5	1	0	Chromium[1]	
MGI/BH/641	0.5	1	0	Chromium[1]	
MGI/BH/642A	1	2	0	Dibenz(a,h)Anthracene, Tetrachloroethene	

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
MGI/BH/701	0.5	2	0	Tetrachloroethene, Benzo[b]fluoranthene	
NBH214	0.5	15	3	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Fluoranthene, Indeno(1,2,3-c,d)Pyrene, Naphthalene, Phenanthrene, Aromatic TPH >C12-C16, Aromatic TPH >C16-C21, Aromatic TPH >C21-C35, Arsenic, Chromium[1], Lead
				Commercial	Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene
SURGE_2122	0.1	6	0	Benzo[a]pyrene, Lead, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Mercury, Beryllium	

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.54: Detail of VOC/SVOC Detections in the Mater Station Area

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Inside Works Area			
ABH40A	2.3	3	2-Methylnaphthalene, Carbazole, Dibenzofuran
ABH41	0.5	2	Carbazole, Dibenzofuran
ABH41	18.2	1	1,2,4-Trichlorobenzene
NBH21	1	1	Dibenzofuran
NBH215	1	1	Benzene
NBH216A	0.25	5	Toluene, o-Xylene, 1,2,4-Trimethylbenzene, Carbazole, Dibenzofuran
Within 250m of Works Area			
B1	1.2	5	Benzene, Toluene, Ethylbenzene, Xylenes, Total, Methyl Tert-Butyl Ether
MGI/BH/640	0.5	2	Dichloromethane, Bromodichloromethane
MGI/BH/640	1.5	1	Bromodichloromethane
MGI/BH/642A	1	1	Bromodichloromethane
MGI/BH/701	0.5	6	Ethylbenzene, m & p-Xylene, 1,2,4-Trimethylbenzene, Sec-Butylbenzene, Tetrachloroethene, Bromobenzene
NBH214	0.5	7	Toluene, o-Xylene, 1,2-Dichlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene
NBH217	0.6	1	Di-N-Octyl Phthalate
NBH217	1.4	2	Bis(2-Ethylhexyl)Phthalate, Di-N-Octyl Phthalate

The majority of the samples tested in the Study Area recorded residential GAC exceedances including locations within the Works Area as well as outside the Works Area in the north-eastern part of Mater Hospital, and the far north west and south east of the Study Area.

Exceedances comprised metals (primarily arsenic, chromium and lead) aromatic hydrocarbons and PAHs within the made ground in the Works Area. Mercury was found at depth within natural ground in the superficial deposits (ABH40 and ABH41 and 14.6 and 13mbgl respectively) which may represent natural background concentrations.

In NBH216 (to the south east of the Works Area) exceedances of chromium, aromatic hydrocarbons and PAHs were recorded throughout the made ground. VOCs/SVOCs were also detected within and adjacent to the Works Area. PAH concentrations also exceeded the commercial GAC within the made ground. Within ABH41 and NBH216A.

The exceedances beneath the footprint of Mater Hospital are likely to be attributed to historic construction and hospital operation activities on the site. Due to the distance from the Works Area this is unlikely to affect the proposed Project.

4.5.6.2 Groundwater and Surface Water

Groundwater samples were collected from 13 boreholes within the Mater Station area. Sampling of five of these locations (B1, C-D, E1-D, E1-S, E2) was completed in one monitoring round undertaken in 2008 (Norwest Holst). All other groundwater samples were collected during up to three monitoring rounds undertaken between January and July 2021. Exceedances of CWSC are summarised in Table 4.55.

Table 4.55: Summary of CWSC Exceedances (Groundwater) in the Vicinity of Mater Station

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area			
NBH215-D	2	DWS	Ammoniacal Nitrogen as N, Aliphatic TPH >C12-C16
	5	IGV	Chloride, Iron, Manganese, Boron, Total Petroleum Hydrocarbons
NBH215-S	1	DWS	Ammoniacal Nitrogen as N
	1	EQS	Biological Oxygen Demand
	3	IGV	Chloride, Manganese, Total Petroleum Hydrocarbons
NBH216A-D	2	DWS	Ammoniacal Nitrogen as N, Aromatic TPH >C21-C35
	5	IGV	Chloride, Manganese, Arsenic, Boron, Total Petroleum Hydrocarbons
NBH216A-S	1	DWS	Aromatic TPH >C21-C35
	10	IGV	Bis(2-Ethylhexyl)Phthalate, Chloride, Benzo[g,h,i]perylene, Indeno(1,2,3-c,d)Pyrene, Fluoranthene, Benzo[a]pyrene, Manganese, Boron, Naphthalene, Total Petroleum Hydrocarbons
NBH21-S	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Nitrite, Chloride, Manganese, Boron
ABH40	1	EQS	Biological Oxygen Demand
	1	IGV	Chloride
Within 250m of Works Area			
ABH39	1	DWS	Ammoniacal Nitrogen as N
	1	IGV	Chloride
B1	1	IGV	Lead
C-D	4	DWS	Ammoniacal Nitrogen as N, Total PAH 16, Aromatic TPH >C12-C21
	2	IGV	Boron, Benzo(a)pyrene
E1-D	1	DWS	Total PAH 16
	1	IGV	Benzo(a)pyrene
E1-S	2	DWS	Total PAH 16, Aliphatic TPH >C21-C35
	1	EQS	Vanadium
	2	IGV	Benzo(a)pyrene, Benzo(g,h,i)perylene
E2	2	IGV	Boron, Nitrate
NBH217	5	IGV	Calcium, Chloride, Magnesium, Nickel, Potassium

Petroleum hydrocarbons and PAHs were identified in several locations above CWSC in the groundwater at proposed Mater Station location which may be reflective of the hydrocarbon content associated with the made

ground. Nitrogen species (ammoniacal nitrogen, nitrite) and some metals (manganese, iron, boron and arsenic) are also present.

4.5.6.3 Soil Leachate

Three soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.56.

Table 4.56: Summary of CWSC Exceedances (Leachate) in the Vicinity of Mater Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
ABH40	9.3	1	DWS	Selenium
	9.3	1	IGV	Phenols
	29.6	1	DWS	Antimony
NBH21	1	1	IGV	Chloride
NBH215	0.5	2	DWS	Molybdenum, Selenium
	0.5	2	IGV	Chloride, Arsenic
NBH216A	0.25	1	IGV	Phenols
Within 250m of Works Area				
ABH39	23.7	1	DWS	Selenium
NBH214	0.5	1	DWS	Molybdenum
	0.5	1	IGV	pH
NBH217	0.6	2	IGV	Chloride, Chromium

Leachable Arsenic, antimony, selenium, molybdenum, and chloride concentrations exceeded their respective DWS and IGV within and outside the Works area, primarily associated with the made ground although antimony and selenium are present within bedrock samples (ABH40 at 29.6mbgl and ABH39 and 23.7mbgl) which may represent natural background concentrations. In addition, phenols were identified in one location (ABH40) at depth in the natural soils within the Works Area.

4.5.6.4 Ground Gas

Up to 9 no. rounds of ground gas monitoring data are available (historical, not part of the scheme specific GI) of two locations outside the Works Area associated with Mater Hospital as summarised in Table 4.57, full monitoring results are presented in Appendix F.

Table 4.57: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ4	**Within 250m of Works Area**			
	MATER STATION <250	C, E2	C (04/12/2018 - 18/12/2008), E2 (16/12/2018 - 18/12/2018)	9 (C), 3 (E2)

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.58.

Table 4.58: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ4	**Within 250m of Works Area**								
	MATER STATION <250	12	0	3.7	0	0	0	1	1

Notes:

1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.

GSV: Gas screening value, flow rate X gas concentration as a %

CS: Characteristic situation for gas protection measures

Table 4.59 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.59: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ4	MATER STATION <250	12	3.7	10	1.5	100

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

The carbon dioxide short term WEL was breached in the vicinity of Mater Station. Carbon monoxide concentrations were below the short term WEL. Hydrogen sulphide concentrations were all below instrument detection limits.

4.5.7 O'Connell Street Station

4.5.7.1 Soil Screening

Soil samples where GAC exceedances were recorded and/or VOCs/SVOCs detected are detailed in Table 4.60 and Table 4.61.

Table 4.60: Summary of GAC Exceedances in the O'Connell Street Station Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
Inside Works Area					
ABH45	0.5	10	1	Residential	Benzo[a]pyrene, Benzo[a]anthracene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Naphthalene, Aromatic TPH >C10-C12, Aromatic TPH >C12-C16, Aromatic TPH >C16-C21, Aromatic TPH >C21-C35
				Commercial	Dibenz(a,h)Anthracene
ABH45	1	6	0	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Naphthalene	
ABH45	5.5	1	0	Dibenz(a,h)Anthracene, Trichloroethene	
ABH45	10.5	1	0	Trichloroethene	

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
Inside Works Area					
ABH46	1.5	1	0	Arsenic	
ABH46	2.5	1	0	Dibenz(a,h)Anthracene	
ABH46	29.8	1	0	Benzene, 1,2-Dichloroethane	
ATP47	2.2	4	0	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene	
NBH22	0.7	1	0	Chromium[1]	
NBH23A	0.5	3	0	Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene	
NBH23A	1.2	9	2	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Indeno(1,2,3-c,d)Pyrene, Naphthalene, Phenanthrene, Aromatic TPH >C16-C21
				Commercial	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene
NBH24	0.3	1	0	Arsenic	
NBH24	1	1	0	Arsenic	
NBH304	0.5	1	0	Chromium[1]	
NBH304	1	1	0	Chromium[1]	
Within 250m of Works Area					
NBH303	0.5	2	0	Lead, Chromium[1]	
SURGE_2118	0.1	2	0	Lead, Beryllium	

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.61: Detail of VOC/SVOC Detections in the O'Connell Street Station Area

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Inside Works Area			
ABH45	0.5	3	2-Methylnaphthalene, Carbazole, Dibenzofuran
ABH45	1	2	2-Methylnaphthalene, Carbazole
ABH45	3	3	2-Methylnaphthalene, Carbazole, Dibenzofuran
ABH45	3.5	1	Toluene
ABH45	5.5	4	Trichloroethene, Trichloromethane, Tetrachloroethene, Carbazole
ABH45	10.5	2	Trichloroethene, Tetrachloroethene
ABH46	29.8	3	Benzene, Toluene, 1,2-Dichloroethane
ATP47	0.2	1	Carbazole
ATP47	2.2	3	2-Methylnaphthalene, Carbazole, Dibenzofuran
NBH23A	0.5	8	Ethylbenzene, m & p-Xylene, o-Xylene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 2-Methylnaphthalene, Carbazole, Dibenzofuran
NBH23A	1.2	3	2-Methylnaphthalene, Carbazole, Dibenzofuran
NBH304	0.5	2	1,2-Dichlorobenzene, 1,2-Dichloroethane

Exceedances of residential GAC are widespread within the made ground for PAHs, TPH and some metals (arsenic, chromium); the commercial GACs were also exceeded for PAHs in ABH45 and NBH23A at 0.5mbgl and 1.2mbgl. The residential GAC were also exceeded within the natural deposits and bedrock for dibenz[a,h]anthracene (ABH45 at 6mbgl), trichloroethene (ABH45 at 6mbgl and 10.5mbgl), benzene and 1,2-dichloroethene (ABH46 at 29.8mbgl).

4.5.7.2 Groundwater and Surface Water

Groundwater samples were collected from 5 boreholes within the O'Connell Street Station area during up to two monitoring rounds, exceedances of CWSC are summarized in Table 4.62.

Table 4.62: Summary of CWSC Exceedances (Groundwater) in the Vicinity of O'Connell Street Station

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area			
NBH22-S	5	IGV	Nitrite, Chloride, Manganese, Potassium, Boron
NBH23A	1	DWS	Ammoniacal Nitrogen as N
	4	IGV	Chloride, Manganese, Potassium, Boron
NBH23W	1	DWS	Ammoniacal Nitrogen as N
	2	IGV	Boron, Potassium
NBH24-S	2	DWS	Phosphorus, Aromatic TPH >C21-C35
	4	IGV	Tetrachloroethene, Potassium, Boron, Total Petroleum Hydrocarbons
Within 250m of Works Area			
NBH23	1	DWS	Selenium
	2	IGV	Chloride, Total Dissolved Solids

Organic contaminants were identified in the groundwater towards the south of the Works Area (TPH, tetrachoroethene in NBH24-S), elsewhere exceedances of criteria were mainly for inorganic (nitrite, chloride, phosphorous) and metals (manganese, potassium, boron and selenium).

4.5.7.3 Soil Leachate

Four soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.63.

Table 4.63: Summary of CWSC Exceedances (Leachate) in the Vicinity of O'Connell Street Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
ABH45	0.5	1	IGV	Phenols
	3.5	1	IGV	Arsenic
	5.5	1	IGV	Phenols
ABH45A	22	1	DWS	Selenium
ABH46	1.5	2	IGV	Phenols, Arsenic
	2.5	1	IGV	Arsenic
	14	1	DWS	Selenium
	20	2	DWS	Antimony, Selenium
	29.8	1	IGV	Sulphate (2:1 Water Soluble) as SO4
ATP47	0.2	1	IGV	Copper
	2.2	1	DWS	Antimony

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
NBH22	0.7	3	IGV	Phenols, Chromium, pH
NBH23A	0.5	2	IGV	Sulphate (2:1 Water Soluble) as SO4, pH
NBH304	0.5	1	IGV	pH
Within 250m of Works Area				
NBH302	0.5	1	IGV	Fluoride

Leachable Arsenic, phenols, coper and chromium concentrations exceeded their respective DWS and IGV within the Works area, primarily associated with the made ground although antimony and selenium are present within bedrock samples (ABH45A at 22.0mbgl and ABH46 and 20.0mbgl) which may represent natural background concentrations.

4.5.7.4 Ground Gas

Up to 3 no. rounds of ground gas monitoring data are available of three locations within the Works Area as summarised in Table 4.64. Full monitoring results are presented in Appendix F.

Table 4.64: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ4	O'CONNELL ST STATION	NBH22-S, NBH24-S, NBH63	28/01/2021, 09/02/2021, 19/03/2021	3

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.65.

Table 4.65: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ4	O'CONNELL ST STATION	7	0.3	1.1	0.8	0.0024	0.0088	1	1

Notes:
1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.
GSV: Gas screening value, flow rate X gas concentration as a %
CS: Characteristic situation for gas protection measures

Table 4.66 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.66: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points[1]	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ4	O'CONNELL ST STATION	7	1.1	No data	1.5	100

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

Maximum measured concentrations of Carbon Dioxide did not exceed the short term WEL in the area. Carbon monoxide data was not available. Hydrogen sulphide concentrations were all below instrument detection limits.

4.5.8 Tara Station

4.5.8.1 Soil Screening

Soil samples where GAC exceedances were recorded, asbestos was detected and/or VOCs/SVOCs detected are summarised in Table 4.67 to Table 4.69.

Table 4.67: Summary of GAC Exceedances in the Tara Station Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail
Inside Works Area				
ABH49	0.35	1	0	Arsenic
ABH49	0.85	2	0	Lead, Mercury
ABH49	3	2	0	Lead, Mercury
ABH50	1.5	2	0	Lead, Mercury
ABH50	2	3	0	Dibenz(a,h)Anthracene, Arsenic, Lead
NBH25	1.2	3	0	Arsenic, Lead, Mercury
NBH26CA	1	2	0	Arsenic, Lead
NBH27	1	3	0	Arsenic, Lead, Mercury
NBH64	1	3	0	Arsenic, Lead, Mercury
Within 250m of Works Area				
ABH48	0.5	2	0	Dibenz(a,h)Anthracene, Lead
ABH48	2	2	0	Lead, Arsenic
BH08 (WIMTEC)	2	2	0	Chromium[1], Lead
MGI/BH/715	1	1	0	Naphthalene
MGI/BH/715	11	1	0	Chromium[1]
MGI/BH/716	10.46	1	0	Chromium[1]
MGI/BH/718	1	1	0	Lead
SURGE_4197	0.1	1	0	Lead
SURGE_4200	0.1	8	0	Benzo[a]pyrene, Lead, Arsenic, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Benzo[a]anthracene, Mercury, Beryllium
SURGE_4201	0.1	1	0	Mercury

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail

Notes

1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.68: Detail of Asbestos Detections in the Tara Station Area

Exploratory Location	Sample Depth (m)	Asbestos Detected	Detail
Within 250m of Works Area			
ABH48	0.5	Chrysotile	0.086%

Table 4.69: Detail of VOC/SVOC Detections in the Tara Station Area

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Inside Works Area			
ABH50	1.5	1	Carbazole
NBH64	1	1	2-Methylnaphthalene
Within 250m of Works Area			
ABH48	0.5	1	Tetrachloroethene
MGI/BH/715	1	5	Tetrachloroethene, Bromodichloromethane, 2-Methylnaphthalene, Carbazole, Dibenzofuran
MGI/BH/715	11	1	Bis(2-Ethylhexyl)Phthalate
MGI/BH/718	1	1	Tetrachloroethene
MGI/BH/718	3.65	9	Benzene, m & p-Xylene, 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, Tetrachloroethene, N-Butylbenzene, N-Propylbenzene, 4-Chlorotoluene, Bromodichloromethane

Exceedances of GAC were recorded in two clusters, one within the Works Area and one in the northwest of the study area. Those in the northwest comprise lead and PAHs, though are unlikely to influence the proposed Project due to the distance to the Works Area and position in the vicinity of the River Liffey. The exceedances within the Works Area comprise arsenic, mercury, lead and PAHs, and are associated with the made ground. VOCs/SVOCs were also recorded in the same locations, although the majority of the detections were recorded near the boundary of the study area.

4.5.8.2 Groundwater and Surface Water

Groundwater samples were collected from 4 boreholes within the Tara Station area during two monitoring rounds, exceedances of CWSC are summarized in Table 4.70.

Table 4.70: Summary of CWSC Exceedances (Groundwater) in the Vicinity of Tara Station

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
NBH25-S	1	DWS	Ammoniacal Nitrogen as N
	1	EQS	Cobalt
	11	IGV	Chloride, Magnesium, Manganese, Nickel, Potassium, Sodium, Barium, Boron, Calcium, Total Dissolved Solids, Sulphate

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
NBH26CA	2	DWS	Phosphorus, Ammoniacal Nitrogen as N
	11	IGV	Chloride, Iron, Magnesium, Manganese, Potassium, Sodium, Barium, Boron, Calcium, Total Dissolved Solids, Sulphate
NBH26CW	2	DWS	Phosphorus, Ammoniacal Nitrogen as N
	1	EQS	Biological Oxygen Demand
	11	IGV	Chloride, Iron, Magnesium, Manganese, Potassium, Sodium, Barium, Boron, Calcium, Total Dissolved Solids, Sulphate
NBH64	1	DWS	Phosphorus
	3	IGV	Potassium, Boron, Calcium

Exceedances of assessment criteria were primarily for inorganic (ammoniacal nitrogen, chloride, sulphate, TDS and phosphorous) and metallic (cobalt, magnesium, manganese, nickel, potassium, sodium barium, boron, calcium, iron) contaminants, likely to be associated with the urban nature of the area.

4.5.8.3 Soil Leachate

Two soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.71.

Table 4.71: Summary of CWSC Exceedances (Leachate) in the Vicinity of Tara Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
ABH49	0.35	1	IGV	Arsenic
	0.85	1	DWS	Antimony
	0.85	2	IGV	Sulphate (2:1 Water Soluble) as SO4, Total Dissolved Solids
	3	2	DWS	Molybdenum, Antimony
	3	1	IGV	Chloride
	4.5	1	IGV	Chloride
	17.7	1	DWS	Antimony
	17.7	1	IGV	Arsenic
ABH50	1.5	1	IGV	Fluoride
	2	1	DWS	Antimony
	3	1	DWS	Antimony
	3	1	IGV	Arsenic
	6	1	DWS	Antimony
	6	1	IGV	Chloride
	8.3	1	IGV	Arsenic
	13.5	1	DWS	Antimony
	23.5	2	DWS	Antimony, Selenium
NBH26CA	1	1	DWS	Molybdenum
NBH27	1	1	DWS	Antimony
	1	1	IGV	Chloride
NBH64	1	1	DWS	Antimony
	1	1	IGV	Arsenic
Within 250m of Works Area				
ABH48	0.5	1	DWS	Antimony

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
	0.5	1	IGV	Lead
	4.5	1	IGV	Chloride
	7.9	1	IGV	Chloride

Leachable Arsenic, antimony, molybdenum, chloride and sulphate concentrations exceeded their respective DWS and IGV within the Works area, primarily associated with the made ground although antimony, arsenic and selenium are present within bedrock samples (ABH49 at 17.7mbgl, ABH50 at 13.5 and 23.5mbgl) which may represent natural background concentrations.

4.5.8.4 Ground Gas

Up to 3 no. rounds of ground gas monitoring data are available of two locations within the Works Area as summarised in Table 4.72, full monitoring results are presented in Appendix F.

Table 4.72: Summary of Ground Gas Monitoring Locations

AZ	Location	BH References	Monitoring Date(s)	No. of Monitoring Rounds
AZ4	TARA STATION	NBH25-S, NBH64	28/01/2021, 09/02/2021, 11/03/2021	3

GSVs have been calculated based on the worst-case scenario, i.e. using the highest concentrations of methane and carbon dioxide and highest ground gas flow for boreholes in each area. Based on the monitoring results for all areas the GSV for carbon dioxide and methane was <0.07 litres / hour and therefore all areas would be classified as CS1 for both carbon dioxide and methane. This indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. The measured gas concentrations, flow rates and calculated GSVs are presented in Table 4.73.

Table 4.73: Summary of Calculated GSV and CS Values

AZ	Location	Number of data points[1]	Maximum Concentration (%v/v)		Max Flow (l/hr)	Maximum GSV (l/hr)		Maximum CS	
			Methane	Carbon Dioxide		Methane	Carbon Dioxide	Methane	Carbon Dioxide
AZ4	TARA STATION	6	1	4.3	0.9	0.009	0.0387	1	1

Notes:

1. Sum of number of monitoring locations and rounds of ground gas monitoring undertaken. Indicates number of data points in assessment.

GSV: Gas screening value, flow rate X gas concentration as a %

CS: Characteristic situation for gas protection measures

Table 4.74 shows the comparison of the monitoring data with the 15-minute reference period under EH40/2020 (Workplace Exposure Limits) for carbon dioxide and carbon monoxide.

Table 4.74: Summary of Ground Gas Data Comparison with WELs

AZ	Location	Number of data points[1]	Max Carbon Dioxide %v/v	Max CO Steady State ppm	Carbon Dioxide Short Term Exposure Limit[1] %v/v	Carbon Monoxide Short Term Exposure Limit[1] ppm
AZ4	TARA STATION	6	4.3	No data	1.5	100

Notes:

1. Refers to 15 minute reference period under EH40/2020 workplace exposure limits

Exceedances of WEL highlighted by grey fill

The carbon dioxide short term WEL was breached within Tara Station. Carbon monoxide concentrations was not available. Hydrogen sulphide concentrations were all below instrument detection limits.

4.5.9 St Stephen's Green Station

4.5.9.1 Soil Screening

Soil samples where GAC exceedances were recorded and/or VOCs/SVOCs detected are detailed in Table 4.75 and Table 4.76.

Table 4.75: Summary of GAC Exceedances in the St Stephen's Green Station Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
Inside Works Area					
NBH219B	0.5	9	1	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Naphthalene, Aromatic TPH >C16-C21, Aromatic TPH >C21-C35, Lead
				Commercial	Dibenz(a,h)Anthracene
ABH52	0.45	2	0	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene	
ABH52	1	3	0	Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene	
ABH53	4	4	0	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene	
ABH53	7.1	2	0	Benzo[b]fluoranthene, Dibenz(a,h)Anthracene	
ABH53	22.4	1	0	Nickel	
ABH54	0.5	1	0	Dibenz(a,h)Anthracene	
ABH54	31	2	0	Nickel, Cadmium	
ATP51WS	0.5	4	0	Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Lead	
Within 250m of Works Area					
NBH220	0.5	2	0	Dibenz(a,h)Anthracene, Lead	
SURGE_2015	0.1	3	0	Lead, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene	

Notes

Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.76: Detail of VOC/SVOC Detections in the St Stephen's Green Station Area

Exploratory Location	Sample Depth (m)	No. of VOCs / SVOCs >LOD	Detail
Inside Works Area			
NBH219B	0.5	3	2-Methylnaphthalene, Carbazole, Dibenzofuran
Within 250m of Works Area			
NBH220	0.5	1	Toluene
NBH220	1.2	1	Toluene

Exceedances of GAC were recorded within and approximately 65m south of the Works Area and comprised lead, aromatic hydrocarbons and PAHs. One location within the Works Area recorded VOCs/SVOCs. Both areas are associated with urban made ground up to 3.8m thick comprising sandy gravel and sandy gravelly clay with inclusions of brick, concrete, glass and wood.

4.5.9.2 Groundwater and Surface Water

Groundwater samples were collected from 2 boreholes within the St Stephen's Green Station area during one monitoring round, exceedances of CWSC are summarized in Table 4.77.

Table 4.77: Summary of CWSC Exceedances (Groundwater) in the Vicinity of St Stephen's Green Station

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
NBH219B-S	4	IGV	Iron, Manganese, Potassium, Boron
NBH219B-D	5	IGV	Chloride, Iron, Manganese, Boron, Total Petroleum Hydrocarbons
ABH53	1	DWS	Ammoniacal Nitrogen as N
	1	IGV	Chloride

Exceedances of assessment criteria were primarily for inorganic (chloride, ammoniacal nitrogen) and metallic (iron, manganese, potassium and boron) contaminants, likely to be associated with the urban nature of the area with one instance of hydrocarbons (TPH) being present.

4.5.9.3 Soil Leachate

Six soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.78.

Table 4.78: Summary of CWSC Exceedances (Leachate) in the Vicinity of St Stephen's Green Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
NBH219	0.5	1	DWS	Molybdenum
	0.5	2	IGV	Mercury, Arsenic
NBH219B	0.5	2	DWS	Molybdenum, Antimony
ABH52	4.5	1	DWS	Selenium
ABH52	7.7	1	DWS	Selenium
ABH52	21.5	1	DWS	Anitmony
ABH52	25.5	1	DWS	Anitmony
		1	IGV	Barium

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
ABH53	22.4	1	DWS	Anitmony
ABH54	9	1	DWS	Anitmony
ABH54	19	1	DWS	Anitmony
ABH54	31	1	IGV	Barium
ATP51WS	0.5	1	IGV	Fluoride
Within 250m of Works Area				
ABH55	23.0	1	DWS	Antimony
NBH107	0.5	1	IGV	pH
NBH220	0.5	1	IGV	Chloride

Leachable antimony, selenium, mercury, molybdenum and arsenic concentrations exceeded their respective DWS and IGV within the Works area, primarily associated with the made ground. Antimony and selenium within ABH52 - ABH55 represent deeper superficial and bedrock samples and may represent natural background concentrations.

4.5.9.4 Ground Gas

No ground gas monitoring has been completed in the vicinity of the St Stephen's Green Station works area at the time of reporting.

4.5.10 Charlemont Station

4.5.10.1 Soil Screening

Soil samples where GAC exceedances were recorded and/or VOCs/SVOCs detected are detailed in Table 4.79 and Table 4.80.

Table 4.79: Summary of GAC Exceedances in the Charlemont Station Area

Exploratory Location	Sample Depth (m)	No. of Residential GAC Exceedances	No. of Commercial GAC Exceedances	Detail	
Inside Works Area					
ABH57	5.5	2	0	Arsenic, Nickel	
ATP55	1	2	0	Arsenic, Lead	
NBH29	0.5	1	0	Chromium[1]	
NBH30	0.5	4	0	Arsenic, Chromium[1], Lead, Mercury	
NBH31	1	3	0	Arsenic, Chromium[1], Lead	
Within 250m of Works Area					
NBH222B	0.3	9	1	Residential	Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene, Dibenz(a,h)Anthracene, Naphthalene, Aromatic TPH >C16-C21, Aromatic TPH >C21-C35, Aromatic TPH >C35-C44
				Commercial	Dibenz(a,h)Anthracene
NBH222B	0.6	5	0	Benzo[a]pyrene, Benzo[b]fluoranthene, Dibenz(a,h)Anthracene, Lead, Mercury	
SURGE_2003	0.1	2	0	Lead, Beryllium	

Notes
1 - Chromium (Hexavalent) not tested - most conservative assessment criteria used.
Results reported below Laboratory Method Detection Limit (MDL) but greater than GAC are not presented in this table

Table 4.80: Detail of VOC/SVOC Detections in the Charlemont Station Area

Exploratory Location	Sample Depth (m)	No. of VOCs/SVOCs >LOD	Detail
Inside Works Area			
NBH30	0.5	1	1,2,4-trichlorobenzene
Within 250m of Works Area			
NBH222B	0.3	1	Carbazole

The majority of samples tested in the study area exceeded GAC for at least one determinant. The greatest number of exceedances was recorded in NBH222B in the north of the study area; however, this is separated from the Works Area by the Grand Canal and is unlikely to influence the proposed Project. Within the Works Area, exceedances comprised arsenic, nickel, chromium, mercury and lead and were associated with the made ground, in addition to which 1,2,4-trichorobenzene was encountered in one sample.

4.5.10.2 Groundwater and Surface Water

Groundwater samples were collected from three boreholes within the Charlemont Station area during three monitoring rounds, exceedances of CWSC are summarized in Table 4.81.

Table 4.81: Summary of CWSC Exceedances (Groundwater) in the Vicinity of Charlemont Station

Exploratory Location	No. of GAC Exceedances	Criteria Source	Details of Exceedances
NBH30W	1	IGV	Chloride
NBH31	1	DWS	Ammoniacal Nitrogen as N
	5	IGV	Nitrite, Chloride, Manganese, Boron, Potassium
ABH59	1	DWS	Ammoniacal Nitrogen as N
	5	IGV	Chloride, Potassium

Exceedances of assessment criteria were primarily for inorganic (chloride, ammoniacal nitrogen and chloride) and metallic (manganese, boron, and potassium) contaminants, likely to be associated with the urban nature of the area.

4.5.10.3 Soil Leachate

19 no. soil samples were subjected to leachate analysis, the exceedances of CWSC are detailed in Table 4.82.

Table 4.82: Summary of CWSC Exceedances (Leachate) in the Vicinity of Charlemont Station

Exploratory Location	Sample Depth (m)	No. of GAC Exceedances	Criteria Source	Details of Exceedances
Inside Works Area				
ABH56	25.5	1	DWS	Antimony
ABH57	2.4	1	DWS	Selenium
	4.5	1	DWS	Selenium
	5.5	2	DWS	Antimony, Selenium
	15.5	1	DWS	Antimony
ABH58	28.5	2	DWS	Antimony, Selenium
ABH59	22.2	1	DWS	Antimony
NBH29	0.5	1	IGV	Chloride
NBH31	1	1	DWS	Antimony
Within 250m of Works Area				
NBH110	0.5	5	IGV	Mercury, Barium, Chromium, Total Dissolved Solids, pH
NBH222	0.3	1	DWS	Antimony
	0.3	1	IGV	pH

Leachable antimony, selenium and chloride concentrations exceeded their respective DWS and IGV within the Works area, primarily associated with the made ground. Antimony within ABH56 at 25.5mbgl, ABH57 at 15.5mbgl and ABH59 at 22.2mbgl are bedrock samples and may represent natural background concentrations.

4.5.10.4 Ground Gas

No ground gas monitoring has been completed in the vicinity of the Charlemont Station works area at the time of reporting.

5. Preliminary Materials and Waste Assessment

5.1 Introduction

The overall excavated material quantities expected to be generated by the proposed Project according to the Business Case, based on the Preliminary Design, are summarised in Appendix J and Table 5.1. Of the total estimate of 3,025,588m^3 the majority (1,895,716m^3) is expected to comprise superficial deposits, with the remainder comprising bedrock (974,570m^3) and mixed superficial / bedrock (155,302m^3). There is limited scope for reusing excavated material within the proposed Project for backfill; bunds and landscaping features only require an estimated 99,931m^3, and, as such the remainder will have to be removed from the site either for reuse as a by-product (subject to confirmation of suitability of geochemical and geotechnical properties) or disposal.

Table 5.1: Summary of Expected Excavated Material Quantities

Material	Quantity (m^3)
Superficial Deposits	1,895,716
Mixed	155,302
Rock	974,570
Total	**3,025,588**
Backfill Required	99,931
Total Surplus	**2,925,657**

5.1.1 Material Assessment Scenarios

The three following scenarios for material re-use/ removal have been assessed for the purposes of the EIAR:

- Scenario 1: Unmitigated scenario – all excavated material will require disposal as waste.
- Scenario 2: An application under Article 27 of the European Communities (Waste Directive) Regulations 2011 (Article 27) for removal of site-won material as product is being progressed, and if successful between 71.6% (worst case) and 89.7% (best case) of the excavated material will be covered under this mechanism, the remainder being removed from site as waste.
- Scenario 3: The Article 27 application is unsuccessful; the next best option is to send excavated material that complies with acceptance criteria to Soil Recovery Facilities (SRFs).

The preferred scenario for the EIAR is that the A27 application is successful resulting in a relatively small quantity of material requiring disposal as waste.

5.2 Methodology

5.2.1 Waste classification of generated materials

The approach used to estimate the excavated material quantities involves the use of geological data including logs and cross section, historical land use information and geochemical data to determine the excavated material properties and assign a preliminary waste classification.

Excavated material is classed as ‘soil and stone’ which has a European Waste Code (EWC) of either 17 05 03 or 17 05 04 depending on whether it has hazardous properties. This assessment has been undertaken on the solid

phase geochemical data, based on European Waste Classification guidance, including UK Guidance on the classification and assessment of waste 2018 (WM3) as applicable to Ireland (using the HazWasteOnline facility).

Once an initial classification of hazardous / non-hazardous waste has been determined Waste Acceptance Criteria (WAC) testing results can be applied to confirm waste is within leachability limits for hazardous, non-hazardous and inert classifications. For non-hazardous classifications if the results of the WAC fall below the 'inert' leaching limits the waste can be classified as inert, with the remaining material in the non-hazardous classification. For an initial classification of hazardous waste, the hazardous WAC limit determines whether the material can be accepted as hazardous waste without further treatment to reduce its leaching limits to below the hazardous WAC limits.

It should be noted that full WAC analysis (BSEN12457-3, two stage leaching test) is not available for all locations. Single stage leachability testing (BSEN12457-2) data has been used to supplement the WAC data to provide an indication of leachability.

It should be noted that the criteria used in the Article 27 assessment differ from the criteria used in the preliminary waste assessment. The total organic carbon (TOC) concentration is identical (3%) however the limits for organic compounds including BTEX, PCBs, TPH and PAH are higher for waste classification, and assessment for metals and some inorganics is based on solid phase analysis for Article 27 and leachability analysis for waste acceptance. In addition to inert criteria, increased inert criteria (as provided by Eastern Midlands Waste Region) have been applied to the data.

The full WM3 assessment is included as Appendix M, and the WAC screening assessment as Appendix N.

5.2.2 Article 27 Application

An application under Article 27 of the European Communities (Waste Directive) Regulations 2011 (S.I. No. 126 of 2011), as amended (Waste Directive Regulations (2011)) (referred to as Article 27) is being progressed on behalf of TII for the proposed Project by Arup.

An initial estimate of the material to be included within the application provided by Arup dated 15th October 2021 indicates the following:

- An estimated 10% of excavated material comprises made ground and is not considered suitable for the Article 27 application.
- Given elevated concentrations of metals / metalloids and organic contaminants within natural materials an estimated further 10-20% of excavated material may be unsuitable for inclusion within the Article 27 application.
- Between around 89.7% ('best case' scenario) and 71.6% ('worst case' scenario) of excavated material will be Article 27 compliant (subject to agreement with the EPA and site operator).

Table 5.2: Summary of Arup Article 27 Compliance Estimates

	Best Case Estimate (m^3)	Worst Case Estimate (m^3)
Total Excavated Material	3,025,588	
A27 Compliant*	2,715,271 (89.7%)	2,166,082 (71.6%)
A27 Non-Compliant*	310,317 (10.3%)	859,506 (28.4%)
*Based on estimate provided by Arup on 15th October 2021		

The estimates provided by Arup have been taken forward for this assessment, and the remainder of the material classified using the methodology highlighted in Section 5.2.1.

5.2.3 Assessing suitability of material for Soil Recovery Facilities

The Irish Environmental Protection Agency (EPA) developed Calculated Maximum Concentrations (CMC) and/or Soil Trigger Levels (STL) for waste acceptance for authorised SRFs (EPA, 2020) following a joint project with the Geological Survey of Ireland (GSI). Large scale sampling and analytical testing of topsoil, soil and stone was completed to assess natural background concentrations of metals, the results of which are presented in the National Soils Database (Teagasc, 2021). The STLs for metals are based on the 98th percentile of the values presented in the National Soils Database and are divided across seven distinct geological domains.

STLs for organic compounds (including BTEX, Mineral Oil, PAHs, PCBs) are equivalent to the readily available laboratory method of detection limits as these compounds should not be present within uncontaminated soils. The criterion for inert waste landfills of 3% by weight has been adopted as the STL for Total Organic Carbon (TOC).

The Guidance on Waste Acceptance Criteria at Authorised Recovery Facilities (EPA, 2020) Chapter 4 ("Interpretation of Maximum Concentrations and/or Soil Trigger Levels") outlines the following approach for basic characterisation of non-greenfield soil and stone:

- TOC, total BTEX, mineral oils, total PCBs, total PAH or asbestos in soil to exceed the respective STL.
- For metals, the analytical results for up to three parameters in any particular soil and stone sample may exceed the respective maximum concentration and/or soil trigger level. However, no individual result should exceed 1.5 times the respective maximum concentration and/or soil trigger level

As with the waste classification assessment in Section 5.2.1, the approach used to estimate the material quantities involves the use of geological data including logs and cross sections, historical land use information and comparison of geochemical data with STLs (EPA 2020).

Soil and rock laboratory geochemical data were compared directly to the STL for each of the seven distinct geological domains to provide an initial estimation of compliant material. Further assessment and interpretation of the data was completed based on the EPA guidance Chapter 4 (EPA, 2020).

For the purposes of the assessment the estimated quantity of mixed soil/rock has been equally divided between soil and rock (final volumes of compliant / non-compliant materials are presented for soil and rock only).

5.2.4 Assessment notes and limitations

The following notes and limitations apply to the assessments presented in this Section:

- Estimates are based on the preliminary design and available GI data up to and including phase 5.
- Changes to the proposed Project at detailed design phase will alter these quantities.
- Additional GI at detailed design stage has the potential to alter these quantities.
- GI, while conducted according to best practice and suitable for the current stage of the project, only samples a small quantity of the sub-surface; as such, uncertainty is inherent in such investigations and final confirmation of material properties is only possible at excavation.
- It should be noted that the assessment presented here is preliminary only, and that any material destined for disposal as waste may require further confirmatory testing by the waste producer (i.e. construction

contractor) in agreement with the disposal facility operator and regulator, taking into account any specific limits and requirements the operator may have.

5.3 Results

The characteristics of the primary geological units are summarised in Table 5.3.

Table 5.3: Summary Primary Geological Unit Properties

Material	Geological Description	Geochemical Characteristics
Made Ground	Highly variable, including reworked glacial till with brick / concrete inclusions (mainly north of the M50) and mixed / granular material at the Dublin Airport and City station locations.	Highly variable. Elevated concentrations of metals in some areas (mainly associated with granular / mixed made ground) and 'hot spots' of hydrocarbons (including TPH and PAH), primarily at Dublin Airport, Mater, Glasnevin and Griffith Park stations.
Glacial Till	Predominantly cohesive (known colloquially as the black and brown boulder clays) with some granular horizons (also some minor areas of natural alluvium and granular material at transition to bedrock).	Some slightly elevated natural metals concentrations (e.g. molybdenum and selenium), some localised 'hot spots' of hydrocarbon impacts from anthropogenic sources.
Bedrock	Limestone (Malahide, Waulsortian, Tober Colleen and Lucan).	Some slightly elevated metals concentrations (e.g. molybdenum, selenium and cadmium), some localised 'hot spots' of hydrocarbon impacts from anthropogenic sources.

The business case excavated material volume estimate does not include an estimate of the volume of made ground. The volume of made ground has been estimated via:

- Reviewing the GI logs to estimate the composition, depth and profile of made ground for each section of the proposed Project as detailed in the business case; and
- 3D statistical modelling of observed geological information using Earth Volumetric Studio (EVS) 3D modelling software (C Tech Development Corporation, Earth Volumetric Studio Version 2020.12, licensed for use by Jacobs).

The volume estimate breakdown by each business case area is provided in Table K1, Appendix K including further details of made ground occurrences. The overall quantity of made ground for the proposed Project is summarised in Table 5.4.

Table 5.4: Summary Material Type Quantities

Material Type	Volume (m^3)	%
Made Ground	153,458	5%
Superficial Deposits	1,742,258	58%
Mixed	155,302	5%
Rock	974,570	32%
Total	**3,025,588**	

It should be noted that all the made ground is considered to be Article 27 non-compliant by the Arup assessment, and soil and stone containing over 2% non-natural materials by weight is considered unacceptable for SRFs according to the relevant guidance (EPA 2020).

5.3.1 Scenario 1: All Waste

Under scenario 1 all excavated material is deemed to be waste, requiring off-site disposal and hence a waste classification. As such the waste assessment methodology as summarised in Section 5.2.1 has been applied to all material.

The resulting preliminary waste classification for all excavated material for the proposed Project is summarised in Table 5.5. The results are detailed in Table K2, Appendix K.

Table 5.5: Summary of Quantities (Assuming all Excavated Material is Waste)

Material Type	Volume (m^3)	Preliminary Waste Classification	Volume (m^3)	Percentage
Made ground	58,656	Hazardous	94,775	3.1%
Natural material	36,119			
Made ground	94,802	Non-Hazardous	221,121	7.3%
Natural material	126,319			
		Increased Inert	104,554	3.5%
		Inert	2,605,138	86.1%
Total	**3,025,588**			
Backfill Required	**99,931**			
Total Waste	**2,925,657**			

5.3.2 Scenario 2: Article 27 Successful

Under this scenario between 71.6% and 89.7% of the material will be Article 27 compliant with the remainder potentially requiring off-site disposal. The quantities of the Article 27 compliant material are defined by Arup and are included in Table K3 Appendix K with assessed cross sectional areas included in Appendix L.

To determine the waste classification of the remaining Article 27 non-compliant material the methodology as described in Section 5.2 has been applied. The results are detailed in Table K3, Appendix K and the overall estimated quantities are summarised in Table 5.6.

Table 5.6: Summary of Quantities for Scenario 2

Material Type	Preliminary Waste Classification	A27 Worst Case		A27 Best Case	
		Volume (m^3)	%	Volume (m^3)	%
Article 27 non-compliant					
	Hazardous	94,775	3.1%	94,775	3.1%
	Non-hazardous	155,481	5.1%	155,481	5.1%
	Increased Inert	49,093	1.6%	49,093	1.6%
	Inert	560,157	18.5%	10,968	0.4%
	Total	**859,506**	**28.4%**	**310,317**	**10.3%**
	- Backfill	99,931	3.3%	99,931	3.3%
	Total Surplus	759,555	25.1%	210,386	7.0%

Material Type	Preliminary Waste Classification	A27 Worst Case		A27 Best Case	
		Volume (m^3)	%	Volume (m^3)	%
Article 27 Compliant					
	Non-Waste	**2,166,082**	**71.6%**	**2,715,271**	**89.7%**

5.3.3 Scenario 3: Consignment to Soil Recovery Facilities

Scenario 3 has involved review of whether excavated material is SRF compliant according to EPA guidance. 'Greenfield' soils are considered suitable for SRFs and only require a letter of suitability, however, only small areas of the proposed Project (restricted to the Park & Ride and Dardistown Depot areas) are considered to be greenfield. For non-greenfield soils (i.e. including urban areas, made ground and material including >2% anthropogenic inclusions) assessment against STLs based on geological domains as outlined in Section 5.2.2 is required.

Assessed volumes for each of the geological domains are detailed in the following sub-sections. An overall summary of the estimated material quantities complying with the STLs for each domain is provided in Table 5.7, along with a ranking indicating the order of greatest compliance (1 being highest, 7 being lowest). The proposed Project is located within Domain 2, which has the highest compliance with the SRF criteria (which is to be expected as the criteria are based on background geochemistry).

Table 5.7: Summary of Preliminary Assessment of SRF Compliance for Excavated Material

Domain	Unsuitable		Acceptable		Ranking
	m^3	%	m^3	%	
Domain 1	1,663,437	55%	1,362,151	45%	6
Domain 2	619,905	20%	2,405,683	80%	1
Domain 3	882,559	29%	2,143,029	71%	2
Domain 4	1,328,595	44%	1,696,993	56%	5
Domain 5	940,745	31%	2,084,843	69%	3
Domain 6	1,087,160	36%	1,938,428	64%	4
Domain 7	1,900,866	63%	1,124,722	37%	7

5.3.3.1 Summary of Material Assessment for SRF - Domain 1

The estimated quantities of material compliant for approved SRFs in Domain 1 are summarised in Table 5.8. Further detailed information and justification of the estimated volumes is included in Table K4 in Appendix K.

Table 5.8: Summary of Material Suitability Assessment for SRF (Domain 1)

Material	Non-Compliant with SRF Criteria		Compliant with SRF Criteria	
	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)
Made Ground	153,458	5%	0	0%
Natural Superficial Deposits	744,126	25%	1,075,783	36%
Bedrock	765,853	25%	286,368	9%
Totals	**1,663,437**	**55%**	**1,362,151**	**45%**

Material	Non-Compliant with SRF Criteria		Compliant with SRF Criteria	
	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)
Total excavated Material: 3,025,588m^3				

5.3.3.2 Summary of Material Assessment for SRF - Domain 2

The estimated quantities of material compliant for approved SRFs in Domain 2 are summarised in Table 5.9 . Further detailed information and justification of the estimated volumes is included in Table K5 in Appendix K.

Table 5.9: Summary of Material Suitability Assessment for SRF (Domain 2)

Material	Non-Compliant with SRF Criteria		Compliant with SRF Criteria	
	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)
Made Ground	153,458	5%	0	0%
Soil	157,462	5%	1,662,447	55%
Rock	308,985	10%	743,236	25%
Total	**619,905**	**20%**	**2,405,683**	**80%**
Total Excavated Material: 3,025,588m^3				

5.3.3.3 Summary of Material Assessment for SRF - Domain 3

The estimated quantities of material compliant for approved SRFs in Domain 3 are summarised in Table 5.10. Further detailed information and justification of the estimated volumes is included in Table K6 in Appendix K.

Table 5.10: Summary of Material Suitability Assessment for SRF (Domain 3)

Material	Non-Compliant with SRF Criteria		Compliant with SRF Criteria	
	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)
Made Ground	153,458	5%	0	0%
Soil	327,816	11%	1,492,093	49%
Rock	401,285	13%	650,936	22%
Total	**882,559**	**29%**	**2,143,029**	**71%**
Total Excavated Material: 3,025,588m^3				

5.3.3.4 Summary of Material Assessment for SRF - Domain 4

The estimated quantities of material compliant for approved SRFs in Domain 4 are summarised in Table 5.11. Further detailed information and justification of the estimated volumes is included in Table K7 in Appendix K.

Table 5.11: Summary of Material Suitability Assessment for SRF (Domain 4)

Material	Non-Compliant with SRF Criteria		Compliant with SRF Criteria	
	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)
Made Ground	153,458	5%	0	0%
Soil	724,945	24%	1,094,964	36%
Rock	450,192	15%	602,029	20%
Total	**1,328,595**	44%	**1,696,993**	56%
Total Excavated Material: 3,025,588m^3				

5.3.3.5 Summary of Material Assessment for SRF - Domain 5

The estimated quantities of material compliant for approved SRFs in Domain 5 are summarised in Table 5.12. Further detailed information and justification of the estimated volumes is included in Table K8 in Appendix K.

Table 5.12: Summary of Material Suitability Assessment for SRF (Domain 5)

Material	Non-Compliant with SRF Criteria		Compliant with SRF Criteria	
	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)
Made Ground	153,458	5%	0	0%
Soil	409,128	14%	1,410,781	47%
Rock	378,159	12%	674,062	22%
Total	**940,745**	31%	**2,084,843**	69%
Total Excavated Material: 3,025,588m^3				

5.3.3.6 Summary of Material Assessment for SRF - Domain 6

The estimated quantities of material compliant for approved SRFs in Domain 6 are summarised in Table 5.13. Further detailed information and justification of the estimated volumes is included in Table K9 in Appendix K.

Table 5.13: Summary of Material Suitability Assessment for SRF (Domain 6)

Material	Non-Compliant with SRF Criteria		Compliant with SRF Criteria	
	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)
Made Ground	153,458	5%	0	0%
Soil	431,549	14%	1,388,360	46%
Rock	502,153	17%	550,068	18%
Total	**1,087,160**	36%	**1,938,428**	64%
Total Excavated Material: 3,025,588m^3				

5.3.3.7 Summary of Material Assessment for SRF - Domain 7

The estimated quantities of material compliant for approved SRFs in Domain 7 are summarised in Table 5.14. Further detailed information and justification of the estimated volumes is included in Table K10 in Appendix K.

Table 5.14: Summary of Material Suitability Assessment for SRF (Domain 7)

Material	Non-Compliant with SRF Criteria		Compliant with SRF Criteria	
	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)
Made Ground	153,458	5%	0	0%
Soil	1,114,096	37%	705,813	23%
Rock	633,312	21%	418,909	14%
Total	**1,900,866**	63%	**1,124,722**	37%
Total Excavated Material: 3,025,588m^3				

6. Updated Conceptual Site Model

The preliminary CSM presented in Appendix C has been reviewed and updated based on the information and assessments detailed in Sections 3 and 4 and the review of potential contamination sources presented in Appendix D. This updated CSM is primarily based on and takes into account the following guidance:

- Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA, 2013);
- Land Contamination: Risk Management (EA, 2020); and
- Contaminated land risk assessment: A guide to good practice (CIRIA C552) (CIRIA, 2001).

The methodology used to determine the overall risk includes consideration of:

- The likelihood of the event (probability), which takes into account both the presence of the hazard and receptor and the integrity of the pathway; and
- The severity of the potential consequence, which takes into account both the potential severity of the hazard and the sensitivity of the receptor.

The classification of likelihood (based on Contaminated Land Risk Assessment: A Guide to Good Practice (CIRIA 552) (CIRIA, 2001)) is detailed in Table 6.1 and the classification of severity is detailed in Table 6.2.

Table 6.1: Classification of likelihood

Classification	Definition
High Likelihood	An event is very likely to occur in the short term, and is almost inevitable over the long term OR there is evidence at the receptor of harm or pollution.
Likely	It is probable that an event will occur. It is not inevitable, but possible in the short term and likely over the long term.
Low Likelihood	Circumstances are possible under which an event could occur. It is by no means certain that even over a longer period such an event would take place, and less likely in the short term.
Unlikely	It is improbable that an event would occur even in the very long term.

Table 6.2: Classification of severity

Classification	Definition
Severe	• Acute risks to human health. • Short-term risk of pollution of sensitive water resource (e.g. major spillage into the water environment). • Impact on controlled waters e.g. large-scale pollution or very high levels of contamination. • Catastrophic damage to buildings or property 9e.g. explosion causing building collapse). • Ecological system effects – irreversible adverse changes to a protected location. Immediate risks.
Medium	• Chronic risks to human health. • Pollution of sensitive water resources (e.g. leaching of contaminants into the water environment). • Ecological system effects – substantial adverse changes to a protected location. • Significant damage to buildings, structures and services (e.g. damage rendering a building unsafe to occupy, such as foundation damage).
Mild	• Non-permanent health effects to human health. • Pollution of non-sensitive water resources . • Damage to buildings, structures and services (e.g. damage rendering a building unsafe to occupy, such as foundation damage). • Substantial damage to non-sensitive environments (unprotected ecosystems e.g. crops).

Classification	Definition
Minor / Negligible	• Non-permanent health effects to human health (easily prevented by appropriate use of PPE). • Minor pollution to non-sensitive water resources. • Minor damage to non-sensitive environments (unprotected ecosystems e.g. crops). • Easily repairable effects of damage to buildings, structures, services or the environment (e.g. discoloration of concrete, loss of plants in a landscaping scene).

To determine the overall risk to the identified receptor the likelihood and severity for the potential hazard are combined in accordance with the risk assessment matrix in Table 6.3. The definitions of the outcomes are summarised in Table 6.4.

Table 6.3: Risk assessment matrix

		Consequence			
		Severe	Medium	Mild	Minor/Negligible
Probability (Likelihood)	High Likelihood	Very high risk	High risk	Moderate risk	Moderate/Low risk
	Likely	High risk	Moderate risk	Moderate/Low risk	Low risk
	Low Likelihood	Moderate risk	Moderate/Low risk	Low risk	Negligible risk
	Unlikely	Moderate/Low risk	Low risk	Negligible risk	Negligible risk

Table 6.4: Definitions of risk

Term	Description
Very high risk	Severe harm to a receptor may already be occurring OR a high likelihood that severe harm will arise to a receptor, unless immediate remedial action works / mitigation measures are undertaken.
High risk	Harm is likely to arise to a receptor, and is likely to be severe, unless appropriate remedial actions / mitigation measures are undertaken. Remedial works may be required in the short term, but likely to be required over the long term.
Moderate risk	Possible that harm could arise to a receptor but low likelihood that such harm would be severe. Harm is likely to be medium. Some remedial works may be required in the long term.
Moderate / low risk	Possible that harm could arise to a receptor, but where a combination of likelihood and consequence results in a risk that is above low, but is not of sufficient concern to be classified as medium. It can be driven by cases where there is an acute risk which carries a severe consequence, but where the exposure is unlikely.
Low risk	Possible that harm could arise to a receptor. Such harm would at worse normally be mild.
Negligible risk	Low likelihood that harm could arise to a receptor. Such harm unlikely to be any worse than mild.

The updated CSM is summarised in Table 6.5. This updated CSM is an overall summary for the proposed Project and is based on the 'worst case' scenario for each potential pollutant linkage, detail of the presence of contamination is included in Section 5.

Table 6.5: Updated Conceptual Site Model

Source	Receptor	Pathway	Pollutant Linkage	Severity	Likelihood	Consequence
Construction						
Contaminants within soil and groundwater	Human health (construction workers)	Dermal contact, ingestion and inhalation of impacted soil, dust, fibres (asbestos) and waters	PL1	**Medium** Contaminants identified above residential GAC, mainly PAH and metals in multiple locations with occasional commercial GAC exceedances in primarily associated with made ground, along with asbestos fibres in some locations.	**Likely** Made ground and natural ground will be excavated for infrastructure including stations box locations and retained cut which will result in construction workers coming into direct contact with excavated material and mobilised dust and fibres.	Moderate
		Migration of ground gases and vapours to shallow pits or enclosed spaces	PL2	**Medium** Ground gas (carbon dioxide) above WELs in several locations. Methane also detected in some locations. Carbon dioxide can be present in sub-surface from both natural (e.g. organic decay, carbonate rocks) and anthropogenic sources.	**Likely** Construction will involve excavation of enclosed spaces in which ground gas is likely to build up to potentially hazardous concentrations, and in which construction workers will enter.	Moderate
	Human health (adjacent residents / workers, transient foot traffic	Dermal contact, ingestion and inhalation of windblown soil, dust, fibres (asbestos) during construction	PL3	**Medium** Contaminants identified above residential GAC, mainly PAH and metals in multiple locations with occasional GAC exceedances primarily associated with made ground, along with asbestos fibres in some locations.	**Likely** Made ground will be excavated for infrastructure including stations and retained cut which has potential to mobilise dust and fibres which can spread beyond the immediate Works Area, particularly in dry 'dust generating' conditions.	Moderate
		Migration of ground gases into homes or workplaces via preferential pathways during construction	PL4	**Mild** Ground gas (carbon dioxide and methane) detected in sub surface in several areas, however, flow rates are generally low and initial C665 assessment indicates a Characteristic Situation (CS) of 1 (low risk potential source) with no gas protection measures necessary.	**Unlikely** Low risk gas source identified, unlikely that complete pollutant linkage will be present.	Negligible
	Groundwater	Leaching and migration of contaminants through natural deposits and made ground	PL5	**Medium** Various contaminants have been identified in the groundwater including metallic (mainly lead, arsenic, chromium, iron), inorganic (ammoniacal nitrogen, chloride) and organic (TPH, PAH) contaminants. The majority of the impact was observed within the Dublin Airport station location as well as Dublin city centre, where many of the contaminants cannot be attributed to a specific source. The majority of the groundwater across the route is considered to be of low vulnerability, with some smaller areas of higher vulnerability associated with higher permeability superficial deposits and limestone bedrock near the ground surface (Dublin Airport).	**Low Likelihood** Construction will involve excavation and removal of made ground (potential contaminant source) in station locations as well as retained cut sections. There will be some short-term potential for contaminant migration during construction as ground is disturbed however construction will include use of retaining walls (e.g. secant pile walls) in cut and station locations which will limit creation of new groundwater pathways.	Moderate / Low
		Surface water run-off from stockpiled excavated material	PL6	**Medium** Made ground contains potentially leachable metallic, inorganic and organic contaminants which have the potential to migrate to surrounding ground and water.	**Low Likelihood** While a pathway is potentially present the majority of groundwater throughout the proposed Project is considered to be of low vulnerability with areas of moderate to high at Dublin Airport Station (limestone at or near surface), near Tara Station and Griffith Park Station.	Moderate / Low
		Leaks and spills from site plant and materials storage	PL7	**Severe** Plant will be in use throughout construction of the proposed Project requiring storage of fuel and lubricants to operate. A worst-case scenario of a large-scale fuel spill could result in acute risks to human health or short-term pollution of sensitive groundwater receptors.	**Low Likelihood** Likelihood of the worst-case scenario occurring is considered low, however smaller spills could occur on a more regular basis.	Moderate
		Discharge of intercepted contaminated groundwater during passive or active dewatering	PL8	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.	Not assessed
	Surface water, ecological receptors	Migration / mobilisation of contaminated shallow groundwater through drift deposits / made ground	PL9	**Mild** Various contaminants have been identified in the groundwater including metallic (mainly lead, arsenic, chromium, iron), inorganic (ammoniacal	**Low Likelihood** Surface water present in some locations, generally not directly adjacent to surface works with some exceptions (e.g. Broad Meadow River),	Low

Source	Receptor	Pathway	Pollutant Linkage	Severity	Likelihood	Consequence
				nitrogen, chloride) and organic (TPH, PAH) contaminants. The majority of the impact was observed within the Dublin Airport station location as well as Dublin city centre, where many of the contaminants cannot be attributed to a specific source.	however a potential pathway remains. Construction will involve excavation and removal of made ground (potential source) in station locations as well as retained cut sections. There will be some short-term potential for contaminant migration as ground is disturbed however construction will include use of retaining walls (e.g. secant pile walls) which will limit creation of new groundwater pathways.	
		Surface water run-off from stockpiled excavated material	PL10	**Medium** Made ground contains potentially leachable metallic, inorganic and organic contaminants which have the potential to affect surrounding ground and water.	**Low Likelihood** While a pathway is potentially present surface watercourses are not widespread across the proposed Project, and pathway will only be present in small areas.	Moderate / Low
		Leaks and spills from site plant and materials storage	PL11	**Severe** Plant will be in use throughout construction of the proposed Project. A worst-case scenario of a large-scale fuel spill could result in acute risks to human health or short-term pollution of sensitive waters such as rivers.	**Low Likelihood** Likelihood of the worst-case scenario occurring is considered low, however smaller spills could occur on a more regular basis.	Moderate
		Discharge of intercepted contaminated groundwater during passive or active dewatering	PL12	This scenario is not considered in this report, separate hydrogeological assessments have been undertaken.	This scenario is not considered in this report, separate hydrogeological assessments have been undertaken.	Not assessed
	Property	Direct contact with sub-surface materials including made ground.	PL13	**Mild** Chemical attack / aggressive ground conditions resulting in damage and degradation to sub surface structures.	**Likely** Direct contact of construction materials with sub-surface likely.	Moderate / Low
		Migration of ground gases into property through preferential pathways posing a potential explosion risk from ignition of explosive gases	PL14	**Mild** No specific source identified with high methane potential according to the available information. Ground gas monitoring indicates methane concentrations below the LEL within the subsurface.	**Unlikely** C665 assessment based on the available data suggests CS1 (low risk) category with no gas protection measures necessary.	Negligible
Operation						
Contaminants within soil and groundwater	Human health (maintenance workers)	Dermal contact, ingestion and inhalation of soil, dust, fibres (asbestos) and waters during routine maintenance	PL15	**Medium** Contaminants identified above residential GAC, mainly PAH and metals in multiple locations with occasional commercial GAC exceedances in primarily associated with made ground, along with asbestos fibres in some locations.	**Low Likelihood** Exposure to sub-surface materials will be more limited post-construction, however access may still be required to areas of the sub surface including areas that may contain made ground where it is not covered or enclosed.	Moderate / Low
		Migration of ground gases and vapours to enclosed spaces	PL16	**Medium** Ground gas (carbon dioxide) present above WELs in several locations. Methane also detected in some locations albeit at low concentrations. Carbon dioxide can be present in sub-surface from both natural sources (e.g. organic decay, carbonate rocks)	**Low Likelihood** Enclosed spaces will be present mainly in station and tunnel locations as well as service ducts. These structures will be fully sealed to prevent water ingress which will also limit potential for gas migration in addition to which these spaces will have air circulation / ventilation systems. However, some potential remains for maintenance workers to access service ducts or runs outside the main station areas which could be at risk of gas accumulations.	Moderate / Low
	Human health (end users, adjacent residents, workers)	Dermal contact, ingestion and inhalation of wind-blown soil, dust, fibres (asbestos) from retained surface soils	PL17	**Medium** Contaminants identified above residential GAC, mainly PAH and metals in multiple locations with occasional GAC exceedances primarily associated with made ground, along with asbestos fibres in some locations.	**Unlikely** Made ground will be excavated and removed from the site for infrastructure including stations and retained cut which will reduce the potential contaminant source in some areas and limit potential for exposure. Any residual made ground will mostly be covered by hard standing and soft landscaping / planting which will further reduce potential for mobilising soil and dust. Small residual risk of exposure during operation.	Low

Source	Receptor	Pathway	Pollutant Linkage	Severity	Likelihood	Consequence
		Migration and accumulation of ground gases into homes or workplaces via preferential pathways created during construction	PL18	**Mild** Ground gas (carbon dioxide and methane) detected in sub surface in several areas, however, flow rates are generally low and initial C665 assessment indicates a Characteristic Situation (CS) of 1 (low risk potential source) with no gas protection measures necessary.	**Unlikely** Low risk gas source identified, unlikely that complete pollutant linkage will be present during operation.	Negligible
	Groundwater	Leaching and migration of contaminants	PL19	**Mild** Various contaminants have been identified in the groundwater including metallic (mainly lead, arsenic, chromium, iron), inorganic (ammoniacal nitrogen, chloride) and organic (TPH, PAH) contaminants. The majority of the impact was observed within the Dublin Airport station location as well as Dublin city centre, where many of the contaminants cannot be attributed to a specific source. The majority of the groundwater across the route is considered to be of low vulnerability, with some smaller areas of higher vulnerability associated with higher permeability superficial deposits and limestone bedrock near the ground surface (Dublin Airport).	**Unlikely** Construction will involve excavation and removal of made ground (potential source) in station locations as well as retained cut sections reducing potential contaminant input in many areas. Operation will not result in further disturbance to the ground and subsequent additional mobilisation of contaminants is considered unlikely	Negligible
		Surface water runoff from placed excavated material	PL20	**Medium** Made ground contains potentially leachable metallic, inorganic and organic contaminants which have the potential to affect surrounding ground and water.	**Low Likelihood** If excavated material containing contaminants is reused within the scheme there is the potential for new migration pathways to be introduced, albeit the majority of groundwater throughout the proposed Project is considered to be of low vulnerability with areas of moderate to high at Dublin Airport Station (limestone at or near surface), near Tara Station and Griffith Park Station.	Moderate / Low
		Migration of contaminated shallow groundwater through drainage channels and associated granular bedding materials	PL21	**Medium** Made ground contains potentially leachable metallic, inorganic and organic contaminants which have the potential to affect surrounding ground and water.	**Low Likelihood** New pathways may be introduced via construction of drainage runs and channels required to enable operation of the scheme.	Moderate / Low
		Discharge of intercepted contaminated groundwater	PL22	This scenario is not considered in this report, separate hydrogeological assessments have been undertaken.	This scenario is not considered in this report, separate hydrogeological assessments have been undertaken.	Not assessed
		Leaks / spills from trains and other operational plant	PL23	**Mild** While trains are electrically powered they will still require lubricants and maintenance; in addition other maintenance plant will be hydrocarbon powered with the potential for leaks and spills during operation, fuelling and maintenance.	**Unlikely** Likelihood of the worst-case leak / spill scenario occurring is considered low, however smaller spills could occur on a more regular basis. The scheme includes a track drainage system which will capture emissions from the track, and the depot and station areas also include drainage systems and provision for safe storage and transfer of materials.	Negligible
	Surface water, ecological receptors	Leaching and migration of contaminants	PL24	**Mild** Various contaminants have been identified in the groundwater including metallic (mainly lead, arsenic, chromium, iron), inorganic (ammoniacal nitrogen, chloride) and organic (TPH, PAH) contaminants. The majority of the impact was observed within the Dublin Airport station location as well as Dublin city centre, where many of the contaminants cannot be attributed to a specific source.	**Unlikely** Construction will involve excavation and removal of made ground (potential source) in station locations as well as retained cut sections reducing contaminant input in many areas. Operation will not result in further disturbance to the ground and subsequent additional mobilisation of contaminants is considered unlikely.	Negligible
		Surface water runoff from placed excavated material	PL25	**Medium** Made ground contains potentially leachable metallic, inorganic and organic contaminants which have the potential to affect surface water.	**Low Likelihood** If excavated material containing contaminants is reused within the scheme there is the potential for new migration pathways to be introduced, albeit the majority of the proposed Project is not adjacent to surface water.	Moderate / Low
		Migration of contaminated shallow groundwater through drainage channels and associated granular bedding materials	PL26	**Medium**	**Low Likelihood** New pathways may be introduced via construction of drainage runs and channels required to enable operation of the scheme.	Moderate / Low

Source	Receptor	Pathway	Pollutant Linkage	Severity	Likelihood	Consequence
				Made ground contains potentially leachable metallic, inorganic and organic contaminants which have the potential to affect surrounding surface water.		
		Discharge of intercepted contaminated groundwater	PL27	This scenario is not considered in this report, separate hydrogeological assessments have been undertaken.	This scenario is not considered in this report, separate hydrogeological assessments have been undertaken.	Not assessed
		Leaks / spills from trains and other operational plant	PL28	**Mild** While trains are electrically powered they will still require lubricants and maintenance; in addition other maintenance plant will be hydrocarbon powered with the potential for leaks and spills during operation, fuelling and maintenance.	**Unlikely** Likelihood of the worst-case leak / spill scenario occurring is considered low, however smaller spills could occur on a more regular basis. The scheme includes a track drainage system which will capture emissions from the track, and the depot and station areas also include drainage systems and provision for safe storage and transfer of materials.	Negligible
	Property	Direct contact with sub-surface materials including made ground.	PL29	**Mild** Chemical attack / aggressive ground conditions resulting in damage and degradation to sub surface structures.	**Likely** Direct contact of construction materials with sub-surface likely.	Moderate / Low
		Migration of ground gases into property through preferential pathways posing a potential explosion risk from ignition of explosive gases	PL30	**Mild** No specific source identified with high methane potential. Ground gas monitoring indicates methane concentrations below the LEL within the subsurface.	**Unlikely** C665 assessment suggests CS1 (low risk) category with no gas protection measures necessary.	Negligible

7. Risk Summary and Recommendations

7.1 Limitations

This assessment is based on the data available at the time of writing. Soil and leachability analysis results have been included from the supporting GI information as well as from MetroLink GI Phases 1 to 5, along with groundwater and ground gas monitoring undertaken in monitoring standpipes installed up to Phase 5. Phase 5 GI in the vicinity of St Stephen's Green, together with groundwater and ground gas monitoring, is ongoing at the time of writing. The additional GI and monitoring data have the potential to alter this assessment and the conclusions and recommendations presented in this section.

The GI, particularly in urban locations such as central Dublin have been constrained by the presence of infrastructure such as buildings and services. Ground conditions beneath buildings and other infrastructure that is to be removed may vary from conditions established by the GI undertaken to date.

7.2 Risk Summary

7.2.1 AZ1 - Northern Section

The primary potentially contaminative sources in AZ1 which have the potential to impact on the proposed Project are gravel pits, a sewage works, a car dismantlers yard, a petrol station and general urban made ground.

In AZ1 made ground was generally encountered up to 1.2m thick associated with the existing road network and previous development of the Swords area. A thicker layer of made ground was identified in 5 no. locations, up to a maximum of 4.6mbgl. The made ground generally comprised sandy gravelly clay with inclusions of brick, pottery, concrete, metal, plastic and/or wood in some locations, and has been mainly interpreted as re-worked natural ground. No other obvious unusual discolouration, oil sheens or odours were encountered. It should be noted that investigation was not possible at a car dismantlers yard (C46) due to access issues.

The made ground overlies mainly cohesive deposits of glacial till comprising sandy gravelly clay with strata of sands and gravels. Superficial deposit thickness varies from 2.0mbgl to in excess of 30.0mbgl in the south of AZ1. The glacial till is primarily underlain by the argillaceous limestone and interbedded shale of the Malahide Formation.

7.2.1.1 AZ1 Construction Phase

The majority of soil geochemical results did not exceed the residential GAC, and no exceedances of commercial GAC were encountered. The majority of residential GAC exceedances were for chromium, with some arsenic, mercury and PAH, in the vicinity of Estuary Station (greenfield land) and around Swords Station. Overall, based on the available data, the risks to construction workers and adjacent users from soil are likely to be low over the majority of AZ1 as limited quantities of made ground and evidence of contamination has been identified to date.

The groundwater quality and leachability testing results indicate a number of metallic, organic and inorganic contaminants above assessment criteria. The metals (boron, manganese, potassium, antimony, selenium, chromium and antimony) are primarily associated with natural deposits and are likely to be representative of natural background concentrations. Ammoniacal nitrogen in the area of Estuary Station may be associated with the agricultural use of the area (e.g. from fertiliser). TPH (diesel range) was identified near the proposed Estuary Station however this was not identified in the soil samples and could be a result of a small, localised spill from agricultural machinery. Additionally, the leachate analysis suggested exceedances of assessment criteria for mercury; mercury, however, was not detected in soil nor in groundwater.

The ground gas data assessment is limited to two points located at the Estuary Park & Ride and in the Estuary – Seatown area. Based on the results there is a very low risk to buildings from ground gas according to the CIRIA C665 methodology (Characteristic GSVs below 0.07 L/h). Carbon dioxide concentrations are, however, above the short term WEL which indicates a potential risk to construction workers in confined and / or enclosed spaces. No potential sources with high gas generation potential have been identified from the available information, however, it should be noted that this assessment is based on a limited number of data points.

Taking into account the uncertainties and information gaps it is not anticipated that land contamination will place a major constraint on the construction of the proposed Project in AZ1.

There is a residual risk for previously unidentified areas of made ground and contaminants to be present, particularly in areas that have not been investigated to date (e.g. the car dismantlers yard, C46) and urbanised areas of Swords where a greater risk to construction workers and adjacent users may be present from contaminants in the soil (including asbestos).

7.2.1.2 AZ1 Operational Phase

Potential exposure to end users during operation will be restricted to the stations and access routes, and, as such are unlikely to be exposed to soils / subsoils except in areas of soft landscaping. In additional the currently available data shows that no exceedances of commercial GAC have been encountered, suggesting that should contact of end users with soils occur, risks are likely to be low. Potential risks to maintenance workers are present from direct exposure to soils and entering confined spaces and encountering hazardous ground gases.

7.2.2 AZ2 - Airport Section

The primary potentially contaminative sources within AZ2 are an historic quarry at the proposed Dublin Airport Station location and the airport development itself.

Construction work in AZ2 primarily comprises tunnel with the exception of the North and South Portals and Dublin Airport Station. At the proposed Dublin Airport Station made ground up to 2.7m thick was encountered, associated with a former quarry (potential source C59), which was described as tarmac, concrete, sandy gravel or gravelly clay with rebar and red brick. No obvious unusual discolouration, oil sheens or odours were noted with the exception of possible domestic waste / putrescible material within ABH12 (0.50-2.10mbgl).

The superficial deposits comprise glacial till in the form of sandy gravelly clay with sand and gravel substrata. Depth to bedrock is highly variable across the section, recorded at 24.5 and 33 mbgl at the northern and southern ends of the section respectively, and rising to 2.6 mbgl at Dublin Airport Station. Bedrock in the north of the section comprises the calcareous shale of the Malahide Formation. In the centre of the section, bedrock comprises bedded to massive siliceous limestone (Waulsortian Limestone), and it can be inferred that the abrupt change in rockhead elevation can be attributed to a fault marking the boundary between the units. The south of the section is underlain by interlaminated calcareous mudstone and argillaceous limestone of the Tober Colleen Formation.

7.2.2.1 AZ2 Construction Phase

Residential GAC exceedances in the Airport Section associated with the made ground at the proposed Dublin Airport Station comprised metals (chromium, lead, arsenic), PAHs and TPH. Arsenic above the residential GAC was also identified within the bedrock up to a depth of 20mbgl which may represent natural background concentrations. Commercial GAC exceedances were identified for PAH congeners (Benzo[b]fluoranthene and dibenzo[a,h]anthracene) in two samples (NBH60 and NBH61 at 1mbgl). Some VOCs were encountered above detection limits, primarily associated with the made ground with one sample encountering VOCs (diethyl phthalate, 2-methylnaphthalene) at a depth of 10mbgl.

The groundwater and leachability analysis data indicates assessment criteria exceedances of a variety of metallic (cobalt, iron, manganese, barium and boron), inorganic (ammoniacal nitrogen, chloride and phosphorous) and organic (TPH, PAH, 1,1,1,2 tetrachoroethane and 1,1,1-trichloroethane) contaminants within the vicinity of the proposed Dublin Airport Station location. These contaminants are likely to be associated with the fill material deposited in the former quarry. No convincing evidence of the presence of PFAS in the sub-surface from airport operations has been identified in the soil and groundwater monitoring undertaken to date.

Asbestos (amosite) fibres were identified within the soil at one location (ATP27) within the Study Area in AZ2.

At the South Portal assessment criteria were primarily exceeded for metals (iron, manganese, boron, potassium) and inorganic (ammoniacal nitrogen, chloride, fluoride) contaminants. Given the absence of a specific potential contamination source at this location these contaminants are likely to be a combination of natural background concentrations and use of the area for agriculture.

Ground surface disturbance is only anticipated at the Dublin Airport Station location and the North and South Portals with the remainder of the proposed Project comprising tunnel. While there is made ground present potential risks to construction workers this is mainly restricted to a small area and the top 3m of the sub surface according to the available information. The potential issue of contaminated groundwater during construction phase is mainly related to elevated concentrations of hydrocarbons including total TPH and some PAHs. These assessment criteria exceedances could be partially related to made ground deposited at an historical quarry (C61) and former airport operations in the area. The hydrocarbons were detected in both shallow (NBH60) and deep (NBH04) monitoring wells.

The ground gas data at the proposed Dublin Airport Station (four locations) and the South Portal (two locations) indicates a Very Low risk to buildings from ground gas according to the CIRIA C665 methodology. Carbon dioxide concentrations however exceeded the short term WEL indicating a potential risk to construction workers entering confined or enclosed spaces.

Taking into account the uncertainties and information gaps it is not anticipated that land contamination will place a major constraint on the construction of the proposed Project in the majority of AZ2. The presence of contaminants within the shallow sub-surface and groundwater, and potential effects on construction workers will need to be taken into account in the proposed Dublin Airport Station location. There is a residual risk for previously unidentified areas of made ground and contaminants to be present, particularly in areas that have not been investigated to date.

7.2.2.2 AZ2 Operational Phase

Potential exposure to end users during operation will be restricted to the Dublin Airport Station and access routes, and, as such are unlikely to be exposed to soils / subsoils except in areas of soft landscaping. The currently available data indicates that should exposure of soil to end users occur, risks are on the whole likely to be low. Potential risks to maintenance workers are present from direct exposure to soils and entering confined spaces and encountering hazardous ground gases.

7.2.3 AZ3 - Dardistown to Northwood Section

The primary potentially contaminative sources in AZ3 are a petrol station, cooking oil wholesaler, vehicle test centre and general urban made ground.

Made ground up to 2.5m thick was encountered within AZ3, mainly confined to the northern and southern areas and the M50 embankments, associated with the road network and potential unmapped historic activities. It generally comprised sandy gravelly clay or sandy gravel with anthropogenic materials such as brick, plastic, metal or pottery. No other obvious unusual discolouration, oil sheens or odours were noted within the GI information.

Superficial deposits comprise glacial till of sandy gravelly clay with cobbles and granular horizons. Depth to bedrock ranged from >38mbgl in the north of AZ1 to 16-18mbgl in the centre and 15-20mbgl in the south. Bedrock in the north of the section comprises the bedded to thinly laminated limestone and calcareous mudstone of the Tober Colleen Formation, and in the south of the section comprises the pyrite rich interbedded argillaceous limestone and calcareous mudstone of the Lucan Formation.

7.2.3.1 AZ3 Construction Phase

Residential GAC exceedances were encountered for PAH and chromium in 3 samples within AZ3 associated with the shallow made ground (PAH) and reworked natural ground (chromium). No commercial GAC exceedances were encountered.

Groundwater exceedances were primarily for chloride, ammoniacal nitrogen and TPH. Leachate exceedances comprised barium, selenium antimony, chloride and zinc. It is likely that the chloride and ammoniacal nitrogen exceedances are reflective of the largely agricultural use of the area. The widespread barium and selenium exceedances in leachate samples are likely reflective of the natural ground chemistry. Bis(2-ethylhexyl)phthalate was also recorded in one location. Hydrocarbon exceedances were only marginally above assessment criteria and mainly in the proposed Dardistown Depot area; there is no obvious source for the observed TPH.

Ground gas data for three locations at the proposed Northwood Station and Dardistown Depot areas are available. The CIRIA C665 assessment suggests a very low risks to buildings from ground gas, however carbon dioxide concentrations exceeded the short term WEL for carbon dioxide in the Northwood Station location suggesting a potential risk to construction workers.

Much of the works will be undertaken at the ground surface within AZ3, and direct contact of the soils and groundwater by construction workers is likely. However, taking into account the uncertainties and information gaps it is not anticipated that land contamination will place a major constraint on construction of the proposed Project in AZ3. There is a residual risk for previously unidentified areas of made ground and contaminants to be present, particularly in areas that have not been investigated to date.

7.2.3.2 AZ3 Operational Phase

Potential exposure to end users during operation will be restricted to the stations and access routes, and, as such are unlikely to be exposed to soils / subsoils except in areas of soft landscaping. In additional the currently available data shows that no exceedances of commercial GAC have been encountered, suggesting that should contact of end users with soils occur, risks are likely to be low. Potential risks to maintenance workers are present from direct exposure to soils and entering confined spaces and encountering hazardous ground gases.

7.2.4 AZ4 - Northwood to Charlemont

AZ4 predominantly comprises tunnel section at depth through natural superficial deposits and bedrock with station and intervention shaft locations where interaction with the shallow sub-surface will be required. General urban made ground associated with the historical development of Dublin was encountered at all station locations, however limited evidence of the majority of potential historical contamination sources identified by the desk study review was identified by the various phases of GI. The made ground encountered is reflective of the historic urban development of Dublin and is not necessarily associated with specific land use types and associated potential contamination sources.

Made ground was typically found up to around 3m thick and generally described as sandy gravelly clay with brick, concrete, glass, ash and / or plastic. Notable GI observations outside this general description include:

- Hydrocarbon odours in the proposed Collins Avenue and Tara Station locations;

- Bitumen odour noted at the proposed O'Connell Street Station location at 1.1-3.6mbgl.
- Track ballast present along the railway tracks in the area of Glasnevin Station.
- Animal bone encountered in two locations at the proposed Tara Station.
- Bone fragments encountered in one location at the proposed St Stephen's Green Station.
- Made ground up to 7mbgl encountered at the proposed Charlemont Station.

The made ground is underlain by glacial till, comprising sandy gravelly clay with cobbles in some horizons. There were also sand and gravel strata within the glacial till. Depth to bedrock ranged from 4.1 to 27.25mbgl and was generally deeper in the north and central areas of the AZ4. The section is underlain by the pyrite rich interbedded calcareous mudstone and argillaceous limestone of the Lucan Formation.

7.2.4.1 AZ4 Construction Phase

Residential GAC exceedances of chromium were recorded throughout AZ4. As noted in the Dublin SURGE Project, it is likely that these exceedances across the whole proposed Project study area are reflective of natural background concentrations as the exceedances are generally within the range of GI data. The majority of other residential GAC exceedances were associated with the made ground and comprised lead, arsenic, mercury, TPH and PAHs, with the greatest concentrations of exceedances within the proposed Glasnevin, Mater, O'Connell Street and Charlemont stations; VOCs have also been occasionally recorded above detection limits in these locations and the proposed Ballymun station.

Commercial GAC exceedances have been recorded for TPH, PAH, particularly at the proposed Mater, Glasnevin, O'Connell Street and to a lesser extent at St Stephen's Green and Charlemont stations, primarily associated with the made ground. Asbestos fibres (amosite) were found in the made ground within the Study Area near the proposed Ballymun, Collin Avenue and Tara stations.

Groundwater monitoring and leachability data indicate the presence of a variety of metallic (iron, manganese, potassium, boron, antimony, mercury, arsenic), inorganic (chloride, ammoniacal nitrogen, nitrite and nitrate) and organic (TPH, PAH and VOCs) above assessment criteria at various locations within AZ4. Specific sources have not been identified for many of the contaminants encountered. Many of the metals encountered are associated with natural deposits and bedrock and may be reflective of natural background conditions.

Inorganic contaminants (e.g. nitrogen species such as nitrate, nitrite and ammoniacal nitrogen) could result from the presence of extensive burial grounds and cemeteries in some parts of Dublin particularly in the Glasnevin area. Organic compounds have been identified in the groundwater in some locations which correspond to where TPH, PAH and VOCs have been identified in the soils (including the proposed Mater, and O'Connell Street stations).

Ground gas data for all the monitoring locations in AZ4 suggests a very low risk to buildings from ground gas according to the CIRIA C665 assessment. However carbon dioxide concentrations exceeded the short term WEL for carbon dioxide in several locations suggesting a potential risk to construction workers.

Potential risks to construction workers and adjacent residents are present from dermal contact and inhalation of dust mobilized by construction at the majority of proposed station locations. The made ground is heterogeneous in nature and there is the potential for unrecorded asbestos to be present throughout AZ4. In addition there is the potential for free phase hydrocarbons to be present, including in locations near former oil-filled power cables.

At the station locations in AZ4 direct contact of construction workers with contaminants within the soils and groundwater is likely, along with the potential for mobilisation of dust which could affect surrounding residents,

workers and transient traffic. There is a residual risk for previously unidentified areas of made ground and contaminants to be present, particularly in areas that have not been investigated to date due to existing infrastructure constraints. During excavation of urban areas, foundations and basements may be present in which asbestos is likely to be present which hasn't been identified or quantified to date. In addition, buildings such as hospitals may have emergency back-up generators with fuel supplies (such as diesel tanks) which may be present in basements, which have not been identified within the available documentary information.

7.2.4.2 AZ4 Operational Phase

Potential exposure to end users during operation will be restricted to the stations and access routes, and, as such are unlikely to be exposed to soils / subsoils except in areas of soft landscaping. The currently available data shows that exceedances of commercial GAC have been encountered in some locations, suggesting that should contact of end users with soils occur, potential risks are present. Potential risks to maintenance workers are present from direct exposure to soils and entering confined spaces and encountering hazardous ground gases.

7.2.5 Risks Associated with Radon

While the proposed Project is in an area of the lowest and second lowest radon potential rankings, these classifications are based on assessment of surface buildings and are at a national scale rather than detailed classifications at a local scale or based on specific geological units. As such, the potential for accumulation of radon in the excavations, tunnels and confined spaces that will be developed during construction and building up to potentially hazardous levels (i.e. above the reference level of 300 Bq/m^3 for workplaces) cannot be discounted.

Article 65 of the Radiological Protection Act 1991 (Ionising Radiation) Regulations of 2019 (referred to as IRR19) places a duty on employers to test for radon. If the reference level is exceeded employers are required to take remedial action or implement a system of radiation protection for the duration of the work (EPA 2019a).

Post construction underground areas of the proposed Project will be fully sealed from the surrounding sub-surface to prevent water ingress which will limit the potential for any radon from the surrounding sub-surface to enter occupied below ground spaces. Furthermore, occupied below ground spaces will be ventilated which will reduce the likelihood of radon build up.

7.2.6 Risks Associated with Pyrite

The Lucan Formation has high concentrations of pyrite, which may be susceptible to expansion when exposed to air, moisture and heat. This may limit the reuse of this rock for uses such as structural fill, contact with concrete or confined conditions without specific testing of rock properties although restrictions may not apply for bulk fill or landscaping / restoration material.

Specific assessment of the presence of pyrite will be required for the Lucan Formation which will be excavated during construction to account for potential swelling properties and environmental risks and to inform potential reuse options. Material will be required to comply with an appropriate specification for earthworks such as the NRA Specification for Road Works Series 600 – Earthworks (TII 2013).

7.3 Preliminary Materials and Waste Assessment

The project will result in generation of an estimated 3,025,588m^3 of excavated material, of which only 99,931m^3 is expected to be reused within the project primarily due to space constraints (refer to Table 7.1).

Table 7.1: Summary of Excavated Material Quantities

Material Type	Volume (m^3)	%
Made Ground	153,458	5%
Superficial Deposits	1,742,258	58%
Mixed	155,302	5%
Rock	974,570	32%
Total	**3,025,588**	

The preferred scenario for managing the excavated material is use as restoration material off site via an application under Article 27 of the European Communities (Waste Directive) Regulations 2011 (S.I. No. 126 of 2011), as amended (Waste Directive Regulations (2011)) (referred to as Article 27) progressed by Arup. If this approach is unsuccessful two other scenarios are considered below:

- Scenario 1: Unmitigated scenario – all excavated material will require disposal as waste.
- Scenario 2: The Article 27 application is successful and between 71.6% (worst case) and 89.7% (best case) of the excavated material is removed from site as a by-product, the remainder being removed from site as waste.
- Scenario 3: The Article 27 application is unsuccessful; the next best option is to send excavated material that complies to Soil Recovery Facilities (SRFs).

Under Scenario 1 all excavated material is deemed to be waste requiring off-site disposal and has been provided a waste classification, as summarised in Table 7.2.

Table 7.2: Summary of Quantities (Assuming All Material is Waste)

Material Type	Volume (m^3)	Preliminary Waste Classification	Volume (m^3)	Percentage
Made ground	58,656	Hazardous	94,775	3.1%
Natural material	36,119			
Made ground	94,802	Non-Hazardous	221,121	7.3%
Natural material	126,319			
		Increased Inert	104,554	3.5%
		Inert	2,605,138	86.1%
Total	**3,025,588**			
Backfill Required	**99,931**			
Total Waste	**2,925,657**			

Under scenario 2 between 71.6% and 89.7% of the materials are likely to be Article 27 compliant with the remainder potentially requiring off-site disposal, as summarised in Table 7.3.

Table 7.3: Summary of Quantities for Scenario 2

Material Type	Preliminary Waste Classification	A27 Worst Case		A27 Best Case	
		Volume (m^3)	%	Volume (m^3)	%
Article 27 Non-compliant					
	Hazardous	94,775	3.1%	94,775	3.1%
	Non-hazardous	155,481	5.1%	155,481	5.1%
	Increased Inert	49,093	1.6%	49,093	1.6%
	Inert	560,157	18.5%	10,968	0.4%
	Total	**859,506**	**28.4%**	**310,317**	**10.3%**
	- Backfill	99,931	3.3%	99,931	3.3%
	Total Surplus	759,555	25.1%	210,386	7.0%
Article 27 Compliant					
	Non-Waste	**2,166,082**	**71.6%**	**2,715,271**	**89.7%**

Under scenario 3 the preliminary assessment of excavated material suitability for each Irish geological domain summarised in Table 7.4.

Table 7.4: Summary of Preliminary Assessment of SRF Compliance for Excavated Material

Domain	Unsuitable		Acceptable		Ranking
	m^3	%	m^3	%	
Domain 1	1,663,437	55%	1,362,151	45%	6
Domain 2	619,905	20%	2,405,683	80%	1
Domain 3	882,559	29%	2,143,029	71%	2
Domain 4	1,328,595	44%	1,696,993	56%	5
Domain 5	940,745	31%	2,084,843	69%	3
Domain 6	1,087,160	36%	1,938,428	64%	4
Domain 7	1,900,866	63%	1,124,722	37%	7

7.4 Risks and Recommendations for Mitigation Measures

Following the assessment presented in the previous sections, the primary land contamination related risks to the project and the recommended mitigation measures for the identified risks are summarised in Table 7.5 (risks associated with radon and pyrite are summarised in Sections 7.2.5 and 7.2.6).

Table 7.5: Summary of risks and recommendations

Primary Potential Sources	Pollutant Linkage	Consequence	Recommended Mitigation Measures
Construction			
Contaminants within Soils & Groundwater	PL1: Construction Workers affected by dermal contact, ingestion and inhalation of impacted soil, dust, fibres (asbestos) and waters	**Moderate Risk** Contaminants identified above residential and commercial GAC, asbestos identified, contact with sub-surface soils and groundwater and mobilised dust / fibres likely.	Development prior to construction of appropriate health and safety and waste management procedures for working with potentially contaminated soils (including asbestos) and water. Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified contamination sources. Personnel should be appropriately trained if involved in GI and earthworks activities. Such instances of previously unidentified contamination should be recorded, the associated risks assessed, and mitigation implemented such as application of safe systems of work and / or development of a remedial strategy as appropriate.
	PL2: Construction workers affected by migration of ground gases and vapours to shallow pits or enclosed spaces.	**Moderate Risk** Ground gas (mainly carbon dioxide) above WELs in several locations, methane also detected. Build up likely in encloses spaces during construction.	Risks to construction workers can be mitigated via risk assessment and the implementation of safe systems of work including use of PPE (and RPE) as a last resort.
	PL3: Adjacent residents / workers / transient foot traffic affected by dermal contact, ingestion and inhalation of windblown soil, dust, fibres (asbestos)	**Moderate Risk** Contaminants identified above residential and commercial GAC, asbestos identified, made ground will be excavated, moved and stockpiled in multiple locations which has potential to mobilise dust and fibres beyond immediate work areas.	Development prior to construction of appropriate health and safety and waste management procedures for working potentially contaminated soils (including asbestos) and water. Development of a stockpile management and materials movement plan as part of the CEMP with measures including but not limited to construction of stockpile bunds and covers to reduce potentially contaminated runoff and generation of leachate, isolating from open excavations and drainage points, damping down to prevent wind-blown dust and monitoring of stockpile emissions.
	PL4: Adjacent residents / workers affected by migration of ground gas into homes or workplaces via preferential pathways during construction	**Negligible Risk** Ground gas classified as low risk potential source with respect to buildings with no specific mitigation measures required.	Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified ground gas sources. Such instances should be recorded, and the associated risks and a remedial strategy developed to manage the identified risks as appropriate

Primary Potential Sources	Pollutant Linkage	Consequence	Recommended Mitigation Measures
	PL5: Groundwater affected by leaching and migration of contaminants	**Moderate / Low Risk** Metallic, inorganic and organic contaminants present in the soil and groundwater in some parts of the proposed Project, construction will disturb ground and result in short term potential for contaminant migration.	Development of a monitoring programme to be followed during construction works to determine whether construction activities are affecting the groundwater and surface water quality in areas of high receptor vulnerability. Should the monitoring programme indicate a change in baseline conditions and/or unacceptable risk further mitigation may be required. Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified contamination. Personnel should be appropriately trained if involved in GI and earthworks activities. Such instances of previously unidentified contamination should be recorded, the associated risks assessed, and mitigation implemented such as application of safe systems of work and / or development of a remedial strategy as appropriate.
	PL6: Groundwater affected by surface water run-off from stockpiled material	**Moderate / Low Risk** Metallic, inorganic and organic contaminants present in the soil which have the potential to leach to surrounding ground and water, some areas of high groundwater vulnerability are present.	Development of a stockpile management and materials movement plan as part of the CEMP with measures including but not limited to construction of stockpile bunds and covers to reduce potentially contaminated runoff and generation of leachate, isolating from open excavations and drainage points, damping down to prevent wind-blown dust and monitoring of stockpile emissions.
	PL7: Groundwater affected by leaks and spill from site plant and materials storage	**Moderate Risk** Plant will be in used throughout construction requiring movement and storage of fuel and materials which have potential to affect sensitive receptors.	Fuelling and maintenance of construction vehicles will be undertaken in designated and controlled zones with measures incorporated to prevent the spread of potential spillages from storage and transfer (e.g. bunds around storage containers and drainage interceptors). An incident response plan will be developed detailing the procedures to be implemented by the contractor in the event of spillage of fuel, lubricant or other potentially hazardous substance. The response plan will include requirements for staff training, equipment requirements (e.g. spill kits), response plans for likely incident scenarios and methods for logging incidents as well as non-compliance with procedures which could result in pollution events.
	PL8: Groundwater affected by discharge of intercepted contaminated groundwater during active or passive dewatering	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.
	PL9: Surface water and ecological receptors affected by mobilisaiton of contaminated shallow groundwater	**Low Risk** Metallic, inorganic and organic contaminants present in the soil and groundwater in some	Development of a monitoring programme to be followed during construction works to determine whether construction activities are affecting the groundwater and surface water quality in areas of high receptor vulnerability. Should the monitoring

Primary Potential Sources	Pollutant Linkage	Consequence	Recommended Mitigation Measures
	through drift deposits and made ground.	parts of the proposed Project, construction will disturb ground and result in short term potential for contaminant migration.	programme indicate a change in baseline conditions and/or unacceptable risk further mitigation may be required. Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified contamination. Personnel should be appropriately trained if involved in GI and earthworks activities. Such instances of previously unidentified contamination should be recorded, the associated risks assessed, and mitigation implemented such as application of safe systems of work and / or development of a remedial strategy as appropriate..
	PL10: Surface water and ecological receptors affected by surface water run-off from stockpiled excavated material.	**Moderate / Low Risk** Metallic, inorganic and organic contaminants present in the soil which have the potential to leach to surrounding ground and water, watercourses present in some areas of project.	Development of a stockpile management and materials movement plan as part of the CEMP with measures including but not limited to construction of stockpile bunds and covers to reduce potentially contaminated runoff and generation of leachate, isolating from open excavations and drainage points, damping down to prevent wind-blown dust and monitoring of stockpile emissions.
	PL11: Surface water and ecological receptors affected by leaks and spill from site plant and materials storage.	**Moderate Risk** Plant will be in used throughout construction requiring movement and storage of fuel and materials which have potential to affect sensitive receptors.	Fuelling and maintenance of construction vehicles will be undertaken in designated and controlled zones with measures incorporated to prevent the spread of potential spillages from storage and transfer (e.g. bunds around storage containers and drainage interceptors). An incident response plan will be developed detailing the procedures to be implemented by the contractor in the event of spillage of fuel, lubricant or other potentially hazardous substance. The response plan will include requirements for staff training, equipment requirements (e.g. spill kits), response plans for likely incident scenarios and methods for logging incidents as well as non-compliance with procedures which could result in pollution events.
	PL12: Surface water and ecological receptors affected by discharge of intercepted contaminated groundwater during active or passive dewatering	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.
	PL13: Property affected by direct contact with sub-surface materials including made ground.	**Moderate / Low Risk** Chemical attack / aggressive ground conditions resulting in damage and degradation to sub surface structures via direct contact.	Prior to construction, a detailed assessment will be undertaken to determine the most appropriate building material is used for construction with respect to the existing ground conditions and the potential for chemical attack via direct contact with contaminants in soil and groundwater.
	PL14: Property affected by migration of ground gases into property	**Negligible Risk**	Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified ground gas sources. Such

Primary Potential Sources	Pollutant Linkage	Consequence	Recommended Mitigation Measures
	through preferential pathways posing a potential explosion risk from ignition of explosive gases.	No specific methane source identified, and all measured methane concentrations below LEL based on the available data.	instances should be recorded, the associated risks assessed, and mitigation implemented such as application of safe systems of work and / or development of a remedial strategy as appropriate.
Operation			
Contaminants within Soils & Groundwater	PL15: Maintenance workers affected by dermal contact, ingestion and inhalation of soil, dust, fibres (asbestos) and waters	**Moderate / Low Risk** Contaminants identified above residential and commercial GAC, asbestos identified, contact with sub-surface soils and groundwater and mobilised dust / fibres could happen during routine operations.	Implementation of safe systems of work including the use of PPE as a last resort for maintenance workers. Recording of site conditions during construction works including identification of areas where residual contamination may be present.
	PL16: Maintenance workers affected by migration of ground gases and vapours to enclosed spaces.	**Moderate / Low Risk** WELs in several locations, methane also detected. Underground station and tunnel spaces will be fully sealed to prevent water ingress and ventilated, however some potential remains for build-up in service ducts or runs outside the main station areas.	Risks to maintenance workers can be mitigated via risk assessment and the implementation of safe systems of work including use of PPE (and RPE) as a last resort.
	PL17: End users, adjacent residents and workers affected by dermal contact, ingestion and inhalation of wind-blown soil, dust and fibres (asbestos) from retained surface soils.	**Low Risk** Contaminants identified above residential and commercial GAC, asbestos identified, made ground will be and removed from site which will reduce potential exposure, some residual made ground will be present, mainly covered by hard standing or soft landscaping, small residual risk of exposure during operation.	Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified contamination. Personnel should be appropriately trained if involved in GI and earthworks activities. Such instances of previously unidentified contamination should be recorded, the associated risks assessed, and mitigation implemented such as application of safe systems of work and / or development of a remedial strategy as appropriate. Assessment of areas of soft landscaping to be retained within the proposed Project to ensure risks are acceptable.
	PL18: End users, adjacent residents and workers affected by migration of ground gases into homes or workplaces via preferential pathways created during construction	**Negligible Risk** Ground gas classified as low risk potential source with respect to buildings with no specific mitigation measures required.	Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified ground gas sources. Such instances should be recorded, the associated risks assessed, and mitigation implemented such as application of safe systems of work and / or development of a remedial strategy as appropriate.

Primary Potential Sources	Pollutant Linkage	Consequence	Recommended Mitigation Measures
	PL19: Groundwater affected by leaching and migration of contaminants	**Negligible Risk** Metallic, inorganic and organic contaminants present in the soil and groundwater in some parts of the proposed Project. Construction will remove made ground in some areas (potential source) reducing contaminant inputs, operation unlikely to result in further mobilisation of contaminants.	No specific mitigation measures recommended.
	PL20: Groundwater affected by surface run-off / leaching from placed excavated material.	**Moderate / Low Risk** Metallic, inorganic and organic contaminants present in the soil and groundwater in some parts of the proposed Project. Potential for new migration pathways to be introduced if material is reused within the scheme near vulnerable receptors.	Prior to reuse and placement of any excavated material within the proposed Project locations specific risk assessment will be required to demonstrate that it will take into account the provisions of the Waste Management Act (as amended) and relevant guidance such as The Management of Waste from National Road Construction Projects (TII 2017) and that it is suitable for reuse (i.e. does not pose a risk to human health or the environment).
	PL21: Groundwater affected by migration of contaminated shallow groundwater through drainage channels and associated granular belling materials.	**Moderate / Low Risk** Metallic, inorganic and organic contaminants present in the soil and groundwater in some parts of the proposed Project. New pathways may be introduced via construction of drainage runs and channels for scheme operation.	Design of drainage runs will require to account for the presence of contaminants within soil and groundwater and incorporate measures to prevent creation of new preferential pathways.
	PL22: Groundwater affected by discharge of intercepted contaminated groundwater.	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.
	PL23: Groundwater affected by leaks / spills from trains and other operational plant.	**Negligible Risk** Trains will be electrically powered but still required lubricants and maintenance, and other plant will require fuelling and maintenance. The proposed Project design includes track and depot drainage management systems and safe storage provision to reduce this risk.	No specific additional mitigation measures recommended.

Primary Potential Sources	Pollutant Linkage	Consequence	Recommended Mitigation Measures
	PL24: Surface water and ecological receptors affected by leaching and migration of contaminants.	**Negligible Risk** Metallic, inorganic and organic contaminants present in the soil and groundwater in some parts of the proposed Project. Construction will remove made ground in some areas (potential source) reducing contaminant inputs, operation unlikely to result in further mobilisation of contaminants.	No specific mitigation measures recommended.
	PL25: Surface water and ecological receptors affected by surface water run-off from placed excavated material.	**Moderate / Low Risk** Metallic, inorganic and organic contaminants present in the soil and groundwater in some parts of the proposed Project. Potential for new migration pathways to be introduced if material is reused within the scheme near vulnerable receptors.	Prior to reuse and placement of any excavated material within the proposed Project locations specific risk assessment will be required to demonstrate that it will take into account the provisions of the Waste Management Act (as amended) and relevant guidance such as The Management of Waste from National Road Construction Projects (TII 2017) and that it is suitable for reuse (i.e. does not pose a risk to human health or the environment).
	PL26: Surface water and ecological receptors affected by migration of contaminated shallow groundwater through drainage channels and associated granular belling materials.	**Moderate / Low Risk** Metallic, inorganic and organic contaminants present in the soil and groundwater in some parts of the proposed Project. New pathways may be introduced via construction of drainage runs and channels for scheme operation.	Design of drainage runs will require to account for the presence of contaminants within soil and groundwater and incorporate measures to prevent creation of new preferential pathways.
	PL27: Surface water and ecological receptors affected by discharge of intercepted contaminated groundwater.	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.	This scenario is not considered in this assessment, separate hydrogeological assessments have been undertaken.
	PL23: Surface water and ecological receptors affected by leaks / spills from trains and other operational plant.	**Negligible Risk** Trains will be electrically powered but still required lubricants and maintenance, and other plant will require fuelling and maintenance. The proposed Project design includes track and depot drainage management systems and safe storage provision to reduce this risk.	No specific additional mitigation measures recommended.

Primary Potential Sources	Pollutant Linkage	Consequence	Recommended Mitigation Measures
	PL29: Property affected by direct contact with sub-surface materials including made ground.	**Moderate / Low Risk** Chemical attack / aggressive ground conditions resulting in damage and degradation to sub surface structures via direct contact.	Prior to construction, a detailed assessment will be undertaken to determine the most appropriate building material is used for construction with respect to the existing ground conditions and the potential for chemical attack via direct contact with contaminants in soil and groundwater.
	PL30: Property affected by migration of ground gases into property through preferential pathways posing a potential explosion risk from ignition of explosive gases.	**Negligible Risk** No specific methane source identified, and all measured methane concentrations below LEL based on the available data.	Implementation of a watching brief during construction works and any additional GI to identify the presence of previously unidentified ground gas sources. Such instances should be recorded, and the associated risks and a remedial strategy developed to manage the identified risks as appropriate
Radon			
Naturally occurring radon	Construction workers being affected by build-up of radon in excavations and enclosed spaces up to potentially hazardous levels.	**Moderate / Low Risk** Excavation of new underground spaces and excavations will provide enclosed environment for radon build up during construction, potential carcinogenic risk.	To mitigate potential risks from radon migration into tunnels, excavations and other enclosed spaces during construction an occupational monitoring programme should be implemented to identify whether radon migration and build up is occurring. The monitoring will be undertaken in accordance with the EPA Protocol for the Measurement of Radon in Homes and Workplaces (EPA 2019b). If the workplace reference level of 300Bq/m^3 is exceeded (EPA 2019a) mitigation measures will be required during construction, such as the development of safe systems of work to ensure protection of construction personnel, potentially including measures such as use of respiratory equipment (RPE) and working time restrictions.
	End users and maintenance workers being affected by build-up of radon in enclosed spaces up to potentially hazardous levels.	**Negligible Risk** Post construction the sub-surface occupied areas will be sealed to prevent water ingress which will also reduce the risk of radon accumulation, in addition to which ventilation systems will aid air circulation which will again reduce the likelihood of radon accumulation in enclosed spaces.	No specific mitigation measures are proposed for radon in station and tunnel areas. Should access be required to unvented or un sealed enclosed spaces development of a location specific safe system of work will be required, including use of PPE and RPE as a last resort.

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Appendix A. Summary of Relevant Exploratory Hole Locations

Table A1: List of exploratory hole locations in AZ1

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
Within Works Area							
ESTUARY PARK & RIDE	BH130	718491.85	748967.44	7.918	3.3	2008	IGSL
	TP121	718521.86	748903.72	7.74	2.5	2008	IGSL
	NBH70	718907	748895.5	5.6	15	2019	Causeway Phase 1
	TP-01	718902	748887.5	5.6	4	2019	Causeway Phase 1
	TP122	718575.07	748765	8.33	3.6	2008	IGSL
	BH101	718588.99	748745.55	7.161	3.25	2008	IGSL
	RC132	718618.89	748665.07	6.414	20	2008	IGSL
	NBH71	718751.3	748600.94	6.77	15.3	2019	Causeway Phase 1
	NTP02	718754.32	748600.94	6.86	1.9	2019	Causeway Phase 1
	TP123	718646.57	748573.9	8.88	4.5	2008	IGSL
	ATP01B	718648.33	748551.66	8.6	1.5	2021	Causeway Phase 5
	ATP01	718649.29	748549.27	8.61	2.4	2021	Causeway Phase 5
	NBH201	718623.02	748523.26	NR	10	2019	Causeway Phase 2
	ATP02B	718678.97	748522.44	8.83	1.5	2021	Causeway Phase 5
	ATP02	718677.59	748521.38	8.77	3.1	2021	Causeway Phase 5
	TP124	718688.57	748444.68	8.75	4.5	2008	IGSL
	NTP03	718700.15	748422.82	7.89	1.9	2019	Causeway Phase 1
	NBH72	718705.56	748413.29	7.65	15.25	2019	Causeway Phase 1
	TP125	718703.57	748372.42	7.1	4.5	2008	IGSL
BROAD MEADOW VIADUCT	BH144ACP	718700.53	748286.13	5.204	3.44	2008	IGSL
	BH144	718703.95	748283.22	5.156	5.3	2008	IGSL
	RC143	718667.37	748249.82	3.22	20.2	2008	IGSL
	TP126	718637.97	748222.73	3.49	2.7	2008	IGSL
	RC141	718653.04	748179.75	3.812	16.6	2008	IGSL
	BH70	718612.08	748125.73	3.948	6.1	2007	IGSL
	RC70	718612.08	748125.73	3.948	15.1	2007	IGSL
	BH107	718628.12	748124.36	3.72	5.9	2008	IGSL
	TP127	718620.34	748099.73	3.93	2.1	2008	IGSL
ESTUARY - SEATOWN	ATP03	718606.54	748015.08	4.73	0.25	2021	Causeway Phase 5
	RC104	718605.5	748014.72	4.722	18	2008	IGSL
	ATP03A	718601.95	748004.79	4.86	2.5	2021	Causeway Phase 5
	TP128	718601.58	748004.5	4.87	2.7	2008	IGSL
	BH105	718552.99	747918.71	5.848	6.5	2008	IGSL
	TP129	718543.52	747903.81	5.92	2.9	2008	IGSL
	ATP04	718554.71	747880.82	6.15	1.8	2021	Causeway Phase 5
	ATP04A	718549.79	747871.92	6.22	2.5	2021	Causeway Phase 5
	ATP04B	718551.75	747870.98	6.32	2.4	2021	Causeway Phase 5
	TP130	718512.58	747803.5	6.38	3.3	2008	IGSL
	ATP05	718522.59	747789.86	6.48	2.7	2021	Causeway Phase 5
	BH106	718499.95	747761.73	6.75	7.4	2008	IGSL

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	NBH403	718488.28	747725.15	7.14	12.5	2020	Causeway Phase 3
	SURGE_3007	718394.21	747703.32	NR	0.1	2009	GSI
	NBH401	718499.7	747695.24	7.64	6	2020	Causeway Phase 3
	NBH402	718494.27	747690.57	7.54	13	2020	Causeway Phase 3
	NBH404	718487.23	747659.69	7.67	14	2020	Causeway Phase 3
	TP131	718487.68	747654.71	7.82	4.3	2008	IGSL
	RC108	718492.61	747648.62	7.964	17.2	2008	IGSL
	TP132	718537.56	747641.98	7.59	4.6	2008	IGSL
	TP133	718542.44	747603.72	7.89	3.1	2008	IGSL
	TP133A	718534.53	747602.36	7.91	4.5	2008	IGSL
	BH69	718541.85	747602	7.961	5.8	2007	IGSL
	RC69	718541.85	747602	7.961	15.5	2007	IGSL
	ST133	718583.59	747595.27	7.78	1.6	2008	IGSL
	BH109	718551.75	747555.64	8.008	5.9	2008	IGSL
	ATP06A	718511.99	747553.32	8.47	0.6	2021	Causeway Phase 5
	ATP06B	718509.22	747551.25	8.37	3.5	2021	Causeway Phase 5
	ATP06	718507.98	747549.33	8.39	0.6	2021	Causeway Phase 5
	BH110	718552.65	747447.1	11.374	3.1	2008	IGSL
	RC110A	718546.3	747441.49	11.568	15	2008	IGSL
	TP134	718546.58	747439.46	11.56	4	2008	IGSL
	NBH406	718547.12	747431.91	11.73	18	2020	Causeway Phase 3
	NBH407	718553.98	747402	11.31	17	2020	Causeway Phase 3
	NBH408	718628.61	747387.14	9.68	15	2020	Causeway Phase 3
	TP135	718567.14	747359.56	10.55	3.1	2008	IGSL
	BH103A	718634.93	747357.1	9.525	3.9	2008	IGSL
	BH103	718636.13	747352.15	9.464	2.5	2008	IGSL
	SURGE_3008	718538.17	747305.41	NR	0.1	2009	GSI
	TP136	718656.55	747280.87	10.43	3.1	2008	IGSL
	RC111	718667.36	747252.86	11.317	14	2008	IGSL
	ATP07	718695.96	747180.02	10.62	12	2021	Causeway Phase 5
SEATOWN STATION	BH112	718670.65	747139.55	11.319	4.3	2008	IGSL
	TP137	718680.87	747094.22	11.91	3.1	2008	IGSL
	BH68	718682.12	747090.8	11.644	3.1	2007	IGSL
	RC68	718682.12	747090.8	11.644	15	2007	IGSL
	RC113A	718650.71	747063.52	12.371	5	2008	IGSL
	RC113	718651.44	747063.21	12.405	16.7	2008	IGSL
	ABH01	718724.57	747060	11.49	14	2021	Causeway Phase 5
	BH115	718685.9	747054.62	12.033	3.8	2008	IGSL
	ATP08	718726.98	747045.53	11.28	1.7	2021	Causeway Phase 5
	ABH02	718729.76	747005.1	12.45	14.15	2021	Causeway Phase 5
	ATP09B	718735.12	746982.15	15.37	0.75	2021	Causeway Phase 5
	ATP09C	718733.48	746969.41	15.55	1.4	2021	Causeway Phase 5
SEATOWN - SWORDS	ATP09D	718739.77	746952.5	15.47	1.25	2021	Causeway Phase 5
	RC114	718730.6	746910.09	13.211	16.1	2008	IGSL
	TP139	718744.31	746859.3	14.12	4.5	2008	IGSL

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	RC116	718738.27	746801.7	15.053	20	2008	IGSL
	ATP10	718740.37	746797.93	15.16	4.2	2021	Causeway Phase 5
	TP140	718732.65	746750.83	16.86	4.5	2008	IGSL
	BH140ACP	718668.79	746721.97	19.061	4.6	2008	IGSL
	BH140	718670.74	746721.9	19.041	9.5	2008	IGSL
	RC127	718724.4	746691.97	18.213	20	2008	IGSL
	TP141	718664.61	746685.19	20.34	3.6	2008	IGSL
	ATP11	718726.94	746631.96	21.54	4.6	2021	Causeway Phase 5
	BH129ACP	718656.12	746624.67	21.565	7	2008	IGSL
	RC129	718657.24	746623.57	21.597	20.2	2008	IGSL
	SURGE_3014	718391.2	746623.55	NR	0.1	2009	GSI
	TP142	718713.14	746574.83	21.46	4.7	2008	IGSL
	BH117	718637.63	746528.94	20.608	6.5	2008	IGSL
	ATP12	718692.82	746519.99	21.82	2	2021	Causeway Phase 5
	TP143	718682.44	746489.81	21.73	4.5	2008	IGSL
	RC118	718612.62	746411.78	23.421	20	2008	IGSL
	TP144	718597.46	746388.79	23.86	4.1	2008	IGSL
	BH67	718587.46	746365.44	24.301	10.2	2007	IGSL
	RC67	718587.46	746365.44	24.301	22	2007	IGSL
	RC119	718563.52	746323.92	24.389	25.6	2008	IGSL
	TPBH119	718563.26	746323.88	24.39	2.25	2008	IGSL
	BH120	718522.4	746321.9	24.853	11.2	2008	IGSL
	TP145	718496.65	746295.5	24.93	4.5	2008	IGSL
	ATP13	718573.99	746261.79	24.62	3.1	2021	Causeway Phase 5
SWORDS STATION	TP146	718509.83	746224.88	24.47	4.5	2008	IGSL
	RC121	718374.74	746200.01	25.571	24.55	2008	IGSL
	ATP14	718447.69	746167.23	25.22	3.2	2021	Causeway Phase 5
	ABH03	718419.56	746162.68	25.27	9.7	2021	Causeway Phase 5
	ATP15	718424.22	746153.35	25.31	3.6	2021	Causeway Phase 5
	TP147	718408.67	746148.19	25.6	4.5	2008	IGSL
	ABH04	718374.07	746128.47	24.93	9.7	2021	Causeway Phase 5
	RC122	718345.61	746121.86	25.457	20.1	2008	IGSL
SWORDS - FOSTERTOWN	SURGE_3013	718230.23	746114.66	NR	0.1	2009	GSI
	ATP16	718316.9	746103.26	25.78	3.5	2021	Causeway Phase 5
	TP149	718196.07	746034.87	26.12	4.5	2008	IGSL
	ATP17	718123.06	745997.22	26.62	1.9	2021	Causeway Phase 5
	TP151	718070.13	745973.53	26.94	4.5	2008	IGSL
	BH126	717895.71	745939.95	29.95	5.9	2008	IGSL
	RC124	718000.61	745936.57	28.334	16.6	2008	IGSL
	TP153	717899.25	745915.7	29.98	2.6	2008	IGSL
	BH125A	717957.57	745904.18	29.742	1.3	2008	IGSL
	BH125	717957.49	745902.92	29.739	6.5	2008	IGSL
	BH66	717891.44	745900.16	30.682	5.5	2007	IGSL
	RC66	717891.44	745900.16	30.682	20.8	2007	IGSL
	BH125ACP	717950.22	745898.98	29.543	6	2008	IGSL

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	TP154	717840.83	745836.79	33.63	4.5	2008	IGSL
	RC128	717816.84	745790.21	35.282	20.2	2008	IGSL
	ATP18	717815.94	745787.64	35.49	2.5	2021	Causeway Phase 5
	TP155	717795.96	745758.08	38.14	4.5	2008	IGSL
	RC145	717707.37	745736.7	43.7064	22.5	2008	IGSL
	RC201	717774.35	745716.49	43.087	25	2008	IGSL
	RC202	717682.68	745684.83	45.176	25	2008	IGSL
	TP201	717757.45	745671.85	44.34	4.6	2008	IGSL
FOSTERTOWN STATION	ATP19	717736.29	745627.4	45	3	2021	Causeway Phase 5
	ABH05	717749.32	745601.53	44.56	12.8	2021	Causeway Phase 5
	RC203	717727.12	745597.29	44.792	25	2008	IGSL
	BH204ACP	717676.74	745570.55	44.98	3.6	2008	IGSL
	BH204	717679	745570.46	44.989	16	2008	IGSL
	ATP20	717726.07	745561.85	44.76	3.2	2021	Causeway Phase 5
	ABH06	717757	745560.66	44.43	15.6	2021	Causeway Phase 5
	ATP21	717718.08	745537.52	44.79	2.2	2021	Causeway Phase 5
	RC205	717723.09	745491.57	43.937	25	2008	IGSL
	ABH07	717732.27	745468.72	43.93	15	2021	Causeway Phase 5
	TP202	717734.94	745466.96	43.83	4.5	2008	IGSL
FOSTERTOWN C/C&C	TP203	717710.95	745347.65	47.17	4.5	2008	IGSL
	BH65	717718.9	745347.28	46.746	10	2007	IGSL
	RC65	717718.9	745347.28	46.746	38.2	2008	IGSL
	TP204	717650.77	745264.57	47.53	3.7	2007	IGSL
	ABH08II	717641.45	745172.46	47.93	6	2021	Causeway Phase 5
	RC207	717629.18	745156.73	48.061	37.9	2008	IGSL
	RC208	717638.19	745075.55	48.214	25.7	2008	IGSL
	TP205	717628.62	745070.75	48	4.5	2008	IGSL
	ABH08	717667.14	745054.37	47.82	8	2021	Causeway Phase 5
	TP206	717589.42	744962.54	47.98	4.5	2008	IGSL
	BH209ACP	717568.94	744957.53	47.891	8.4	2008	IGSL
	BH209	717566.56	744957.01	47.971	16	2008	IGSL
	BH64	717716.2	744934.84	46.116	1.7	2007	IGSL
	BH64A	717716.2	744934.84	46.12	5.7	2007	IGSL
	RC64A	717716.2	744934.84	46.116	15	2007	IGSL
	TP207	717533.24	744861.87	48.23	4.5	2008	IGSL
	BH210ACP	717540.5	744779.03	47.334	9.1	2008	IGSL
	BH210	717535.96	744775.69	47.314	9.3	2008	IGSL
FTOWN - NTH PORTAL	TP208	717501.42	744752.61	47.37	4.5	2008	IGSL
	TP209	717450.9	744674.66	46.54	4.1	2008	IGSL
	TP210	717416.16	744617.1	42.8	4.5	2008	IGSL
	BH211ACP	717441.89	744544.51	47.789	15.3	2008	IGSL
	BH211	717440.09	744543.11	47.797	16.1	2008	IGSL
	RC211A	717445.31	744542.81	47.541	16	2008	IGSL
	TP211	717387.07	744450.86	42.64	4	2008	IGSL
	BH213ACP	717371.5	744449.05	42.667	13.5	2008	IGSL

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	RC213	717366.83	744447.56	42.648	25	2008	IGSL
	NBH1	717387.7	744420.6	44.5	21	2019	Causeway Phase 1
NORTH PORTAL	NBH2	717366.8	744368.5	58.3	37	2019	Causeway Phase 1
	NBH2A	717366.8	744368.5	58.3	24	2019	Causeway Phase 1
	ATP25	717358.45	744368.15	56.26	2	2021	Causeway Phase 5
	TP212	717350.56	744349.76	57.92	4.2	2008	IGSL
	RC212A	717329.05	744347.82	59.426	33.1	2008	IGSL
	BH212	717325.93	744344.41	59.472	10.5	2008	IGSL
	ABH09	717345.57	744324.41	60.52	20	2021	Causeway Phase 5
	NBH3	717368.9	744313	61.6	33	2019	Causeway Phase 1
Within 250m of Works Area							
ESTUARY P&R <250	TP119	718396.79	749242.28	6.91	3.6	2008	IGSL
	BH102	718432.72	749167.39	6.811	4.7	2008	IGSL
	TP120	718446.92	749118.4	8.11	3.2	2008	IGSL
	BH131ACP	718464.74	749067.55	7.614	3.2	2008	IGSL
	RC131	718460.75	749064.65	7.622	14.3	2008	IGSL
ESTUARY-SEATWN <250	NBH405	718555.42	747683.17	6.91	14	2020	Causeway Phase 3
	SURGE_3010	718766.13	747608.34	NR	0.1	2009	GSI
SEATWN-SWORDS <250	TP138	718664.81	746945.05	13.34	4.6	2008	IGSL
SWORDS STATION <250	TP148	718306.44	746172.75	25.59	4.5	2008	IGSL
	BH139ACP	718260.58	746140.14	26.91	3.4	2008	IGSL
	BH139	718259.74	746137.8	26.933	9.4	2008	IGSL
	BH123ACP	718086.21	746044.11	27.495	8.4	2008	IGSL
	RC123	718087.28	746042.93	27.346	20.2	2008	IGSL
	TP150	718082.67	746042.23	27.43	2.1	2008	IGSL
SWRDS-FOSTERTWN <250	TP152	717951.95	745969.4	28.91	2.5	2008	IGSL
	SURGE_3028	718338.2	745669.76	NR	0.1	2009	GSI
	SURGE_2014	716040.57	733274.46	NR	0.1	2009	GSI
NORTH PORTAL <250	BH36	717218.53	744346	62.991	1.5	2007	IGSL
	RC36	717218.53	744346	62.991	20.1	2007	IGSL

Notes

NR - Not Recorded

Table A2: List of exploratory hole locations in AZ2

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
Within Works Area							
DUBLIN AIRPORT	BH304	716996.84	743578.99	66.804	18	2008	IGSL
	NBH62	716992.96	743551.69	66.97	4	2019	Causeway Phase 1
	BH35	716898.68	743543.58	67.275	6.6	2007	IGSL
	RC35	716898.68	743543.58	67.275	29.9	2007	IGSL
	NBH04	716965.57	743512.23	67.79	31	2019	Causeway Phase 1
	NBH61	716963.23	743504.73	67.86	2.2	2019	Causeway Phase 1
	ABH12	716973.75	743504.16	67.5	25	2021	Causeway Phase 5
	ATP26	716945.21	743503.34	68.38	1.8	2021	Causeway Phase 5
	NBH60	716919.9	743471.85	67.84	1.3	2019	Causeway Phase 1
	ABH13	716929.72	743469.97	67.86	25	2021	Causeway Phase 5
	RC305	716964.84	743464.68	67.534	30.2	2008	IGSL
	ATP27	716945.96	743448.31	67.3	1	2021	Causeway Phase 5
	RC306	716848.08	743445.2	67.768	30	2008	IGSL
	ABH14A	716923.32	743411.93	66.34	1.3	2021	Causeway Phase 5
	ATP28	716888.43	743409.31	66.78	0.8	2021	Causeway Phase 5
	ABH14	716915.77	743399.63	66.39	0.4	2021	Causeway Phase 5
	RC307	716952.37	743394.66	66.382	30.5	2008	IGSL
	BH307ACP	716953.6	743394.32	66.386	5.3	2008	IGSL
	RC34	716867.97	743391.03	66.42	31.2	2007	IGSL
	RC308	716928.79	743290.93	65.053	30.8	2008	IGSL
SOUTH PORTAL	RC314	716506.16	742322.28	59.645	40.5	2008	IGSL
	BH32	716363.7	742278.86	61.463	6.2	2007	IGSL
	RC32	716363.7	742278.86	61.463	38	2007	IGSL
	BH402	716410.54	742266.22	59.299	7.5	2008	IGSL
	RC401	716442.72	742257	59.351	40.5	2008	IGSL
	NBH05	716393.73	742243.75	59.8	40	2019	Causeway Phase 1
	NBH06A	716322.45	742232.9	60.18	22.5	2019	Causeway Phase 1
	NBH06W	716324.43	742224.11	60.31	45	2019	Causeway Phase 1
	ABH17	716341.22	742215.75	60.19	23.1	2021	Causeway Phase 5
	RC403	716370.35	742181.21	60.141	40.1	2008	IGSL
	NBH07	716261.67	742141.29	59.87	40.8	2019	Causeway Phase 1
	BH405	716346.8	742114.89	59.138	13.9	2008	IGSL
	MN/104/BH/003	716160.85	742062.26	58.93	10	2011	Soil Mechanics
Within 250m of Works Area							
FTWN - NTH PRTL <250	NDP505	717534.74	744330.58	56.28	3.2	2021	Causeway Phase 5
	NTP505	717534.74	744330.58	56.28	2.3	2021	Causeway Phase 5
	NDP507	717691.2	744327.44	53.57	4.8	2021	Causeway Phase 5
	NTP507	717691.2	744327.44	53.57	2.4	2021	Causeway Phase 5
	NDP506	717630.89	744326.52	55.26	4.7	2021	Causeway Phase 5
	NTP506	717630.89	744326.52	55.26	2.35	2021	Causeway Phase 5
	NDP504	717501.38	744307.15	58.07	6	2021	Causeway Phase 5
	NTP504	717501.38	744307.15	58.07	2.75	2021	Causeway Phase 5
	NDP503	717545.96	744289.65	57.65	5.1	2021	Causeway Phase 5

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	NTP503	717545.96	744289.65	57.65	2.4	2021	Causeway Phase 5
	NDP508	717719.17	744283.01	53.29	7	2021	Causeway Phase 5
	NTP508	717719.17	744283.01	53.29	2.6	2021	Causeway Phase 5
	NBH502	717661.73	744264.04	55.85	21	2021	Causeway Phase 5
	NBH501	717592.89	744249.71	57.94	21	2021	Causeway Phase 5
	NDP502	717625.69	744228.26	57.61	3.9	2021	Causeway Phase 5
	NTP502	717625.69	744228.26	57.61	2.3	2021	Causeway Phase 5
	NDP501	717679.59	744209.05	56.3	6.1	2021	Causeway Phase 5
	NTP501	717679.59	744209.05	56.3	2.1	2021	Causeway Phase 5
NORTH PORTAL <250	BH63	717693.59	744120.75	54.624	12	2007	IGSL
	RC63	717693.59	744120.75	54.624	15	2007	IGSL
	RC301	717266.99	744107.88	64.604	40.7	2008	IGSL
DUBLIN AIRPORT <250	ABH10	717140.35	743870.37	65.98	30	2021	Causeway Phase 5
	BH303	717066.91	743681.47	65.834	15.2	2008	IGSL
	RC303A	717072.66	743677.16	65.862	30	2008	IGSL
	ABH11	717058.55	743660.01	65.99	28	2021	Causeway Phase 5

Notes

NR - Not Recorded

Table A3: List of exploratory hole locations in AZ3

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
Within Works Area							
DARDISTOWN DEPOT	SURGE_3038	716168.63	742320.5	NR	0.1	2009	GSI
	AWN01	715709.31	742154.57	60.86	30	2021	Causeway Phase 5
	MN/104/TP/005	716026.02	742078.71	62.49	4	2011	Soil Mechanics
	MN/104/TP/006	716062.73	742071.62	59.03	2.8	2011	Soil Mechanics
	MN/104/TP/007	716102.29	742064.54	59.73	3.6	2011	Soil Mechanics
	ATP29I	715915.25	742052.61	59.56	2.1	2021	Causeway Phase 5
	ATP29	716092.77	742044.66	59.1	2.3	2021	Causeway Phase 5
	MN/104/TP/003	715768.55	742037.02	60.88	3.3	2011	Soil Mechanics
	MN/104/BH/001	715683	742034.21	60.26	11.15	2011	Soil Mechanics
	MN/104/IT/002	715879.09	742027.71	60.02	3	2011	Soil Mechanics
	MN104/TP/001	715628.55	742026.69	61.71	2.8	2011	Soil Mechanics
	MN/104/BH/002A	715931.12	742023.65	59.37	20.25	2011	Soil Mechanics
	MN/104/TP/008	716157.85	742014.94	58.76	3.1	2011	Soil Mechanics
	MN/104/TP/004	715895.47	742012.81	59.99	3.4	2011	Soil Mechanics
	MN/104/TP/002	715702.72	741984.71	61.38	3.2	2011	Soil Mechanics
	NBH08	715961.35	741967.27	59.87	32	2019	Causeway Phase 1
	MN/104/TP/009	715967.37	741967.23	61.34	3.6	2011	Soil Mechanics
	MN/104/BH/004	715945.53	741958.94	60.09	6.03	2011	Soil Mechanics
	MN/104/TP/010	715977.7	741944.99	60.66	3.9	2011	Soil Mechanics
	BH58	715793.39	741926.54	60.98	6.1	2007	IGSL
	RC58	715793.39	741926.54	60.98	15	2007	IGSL
	BH408	715926.36	741913.62	60.32	4.6	2008	IGSL
	BH408A	715925.19	741909.4	60.348	16	2008	IGSL
	MN/104/IT/004	716064.72	741900.8	59.17	3	2011	Soil Mechanics
	ATP31I	715499.02	741898.14	64.3	2.5	2021	Causeway Phase 5
	ATP30I	715734.8	741897.3	61.61	2.6	2021	Causeway Phase 5
	MN/104/IT/001	715652.07	741896.2	62.54	3	2011	Soil Mechanics
	MN/104/IT/003	715888.03	741890.2	60.62	3	2011	Soil Mechanics
	ATP30	715809.58	741866.8	61.25	2.5	2021	Causeway Phase 5
	TP29	715445.23	741837.41	64.92	3.1	2019	Causeway Phase 2
	TP30	715629.18	741808.95	64.39	3	2019	Causeway Phase 2
	TP28	715358.89	741791.7	61.21	3	2019	Causeway Phase 2
	AWN02	715531.44	741752.93	65.68	30	2021	Causeway Phase 5
	ATP31	715656.86	741748.52	65.42	2.5	2021	Causeway Phase 5
	RC409	715651.35	741737.43	65.551	20	2008	IGSL
	TP31	715497.71	741720.6	67.47	2.9	2019	Causeway Phase 2
	ATP32	715653	741716.25	65.51	2.7	2021	Causeway Phase 5
	RC412	715572.27	741640.64	65.57	21.75	2008	IGSL
	ATP32I	715481.18	741600.28	66.26	2.7	2021	Causeway Phase 5
	RC410	715507.7	741466.89	63.514	20	2008	IGSL
M50 VIADUCT	BH30	715557.92	741403.97	63.548	6.3	2007	IGSL
	RC30	715557.92	741403.97	63.548	23.5	2007	IGSL
	RC501	715495.81	741387.26	64.084	29.7	2008	IGSL

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	NBH9	715579.1	741355	60.6	27	2019	Causeway Phase 1
	NBH10	715582.8	741274.9	61.1	27	2019	Causeway Phase 1
	BH503ACP	715551.2	741251.51	63.542	5	2008	IGSL
	RC503	715548.66	741250.78	63.52	29.9	2008	IGSL
	BH29	715413.14	741225.85	64.82	7	2007	IGSL
	RC29	715413.14	741225.85	64.82	21.5	2007	IGSL
	RC502	715503.55	741200.7	63.2327	30	2008	IGSL
M50 VDCT - NORTHWOOD	BH504A	715490.93	740981.69	57.44	8.1	2008	IGSL
	BH504	715501.46	740976.69	57.306	9.15	2008	IGSL
	ATP33WS	715488.28	740959.85	57.8	3.1	2021	Causeway Phase 5
	RC505	715400.05	740935.98	59.648	20	2008	IGSL
	BH506ACP	715438.06	740900.16	58.623	4.4	2008	IGSL
	BH506	715438.29	740897.38	58.611	6.7	2008	IGSL
NORTHWOOD C/C&C	NBH202	715420.73	740802.69	NR	28	2019	Causeway Phase 2
	ABH19	715355.48	740782.67	60.96	23.5	2021	Causeway Phase 5
	ABH18	715410.12	740775.82	58.42	23.3	2021	Causeway Phase 5
	ATP34	715395.08	740774.91	58.43	2.5	2021	Causeway Phase 5
	NBH11	715408.1	740770.7	59.4	28	2019	Causeway Phase 1
	NBH12	715308.61	740710.89	59.91	28.5	2019	Causeway Phase 1
	ATP35	715328.87	740700.75	59.84	1.5	2021	Causeway Phase 5
	ABH20	715326.18	740680.39	60.41	23	2021	Causeway Phase 5
	BH28	715325.35	740652.44	60.599	8	2007	IGSL
	RC28	715325.35	740652.44	60.599	20	2007	IGSL
NORTHWOOD TUNNEL	SURGE_3040	715303.8	740637.87	NR	0.1	2009	GSI
	NBH73	715293.86	740600.55	61.89	28.7	2019	Causeway Phase 1
	RC507	715325.6	740512.08	62.986	20.4	2008	IGSL
Within 250m of Works Area							
DARDISTOWN DPT <250	BH406A	716021.66	741895.13	59.532	3.8	2008	IGSL
	BH406	716032.37	741893.96	59.396	6.3	2008	IGSL
	RC407	715932.02	741841.13	60.809	21	2008	IGSL
	BH31	715694.78	741520.25	65.659	7.2	2007	IGSL
	RC31	715694.78	741520.25	65.659	30	2007	IGSL

Notes

NR - Not Recorded

Table A4: List of exploratory hole locations in AZ4

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
Within Works Area							
BALLYMUN STATION	NBH203A	715397.44	739911.76	61.99	35	2019	Causeway Phase 2
	NBH13	715420.9	739896.9	62.2	36	2019	Causeway Phase 1
	ABH23	715400.69	739892.57	61.96	30	2021	Causeway Phase 5
	ATP36	715417.11	739890.79	61.9	2.3	2021	Causeway Phase 5
	BH27	715422.66	739881.66	61.874	27	2007	IGSL
	RC27	715422.66	739881.66	61.874	20	2007	IGSL
	ABH24	715421.08	739860	61.91	2	2021	Causeway Phase 5
	ABH24A	715422.26	739856.79	61.93	1.5	2021	Causeway Phase 5
	ABH24B	715414.77	739851.41	61.9	30	2021	Causeway Phase 5
	ATP37	715409.99	739825.76	61.82	2.75	2021	Causeway Phase 5
	ABH25	715401.09	739804.71	61.68	30	2021	Causeway Phase 5
	RC513	715418.06	739768.39	60.548	26.05	2008	IGSL
COLLINS AVE STATION	TP601	715485.47	739062.22	51.27	4	2008	Norwest Holst
	NBH206	715392.15	739049.4	51.95	31	2019	Causeway Phase 2
	NBH14	715430.6	738952.8	51.5	32	2019	Causeway Phase 1
	TP602	715427.67	738948.08	50.91	4.5	2008	Norwest Holst
	ABH27	715413.3	738944.83	51.38	30	2021	Causeway Phase 5
	ATP38	715412.26	738924.3	51.39	2.9	2021	Causeway Phase 5
	RC26	715394.02	738914.41	51.684	30	2007	IGSL
	NBH15	715440.3	738898.3	51.5	35	2019	Causeway Phase 1
	NBH15A	715440.3	738898.3	51.5	17	2019	Causeway Phase 1
	ABH28	715416.48	738889.19	51.37	30	2021	Causeway Phase 5
	MGI/BH/602	715433.64	738882.55	51.24	30.25	2008	Norwest Holst
	ATP39	715425.31	738881.71	51.3	2.3	2021	Causeway Phase 5
	ABH29	715421.74	738845.84	51.65	30	2021	Causeway Phase 5
	NBH16	715434.7	738819.7	51.6	32	2019	Causeway Phase 1
	TP603	715432.6	738761.97	50.82	4.5	2008	Norwest Holst
	MGI/BH/605	715446.6	738739.31	50.703	11	2008	Norwest Holst
	NBH207	715438.7	738717.16	50.96	38	2019	Causeway Phase 2
ALBERT COLLEGE PARK	MGI/BH/610	715462.35	738399.22	45.175	20	2008	Norwest Holst
	NBH208	715411.19	738364.81	NR	37	2019	Causeway Phase 2
	ATP39I	715422.47	738313.9	44.42	2.2	2021	Causeway Phase 5
	ABH30I	715422.51	738308.58	44.36	30	2021	Causeway Phase 5
	BH24	715425.61	738292.65	44.168	4.3	2007	IGSL
	RC24	715425.61	738292.65	44.168	28	2007	IGSL
	MGI/BH/601	715555.1	738275.86	43.4	25.3	2008	Norwest Holst
	MGI/BH/611	715565.17	738273.57	43.143	13.85	2008	Norwest Holst
GRIFFITH PRK STATION	ATP40WS	715425.58	737366.53	18.96	3.45	2021	Causeway Phase 5
	ABH32	715430.09	737366.52	18.85	29	2021	Causeway Phase 5
	NBH211	715457.74	737360.66	19.09	37	2019	Causeway Phase 2
	ATP41WS	715433.07	737330.17	18.76	3.45	2021	Causeway Phase 5
	ABH33	715418.66	737319.68	18.85	29	2021	Causeway Phase 5
	NBH223	715484.97	737307.3	18.85	37	2019	Causeway Phase 2

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	ATP42WS	715429.12	737292.96	18.77	3.15	2021	Causeway Phase 5
	ATP43WS	715416.07	737267.34	18.52	3	2021	Causeway Phase 5
	NBH17	715433.93	737253.02	18.61	31.6	2019	Causeway Phase 1
GLASNEVIN STATION	TPCC14A	714184.91	736810.66	32.31	2	2020	Causeway Phase 4
	TPCC14	714187.42	736808.11	32.21	2	2020	Causeway Phase 4
	GBH32	714200.57	736796.99	32.04	3	2020	Causeway Phase 4
	GTP25	714247.14	736762.43	31.65	1	2020	Causeway Phase 4
	GTP09	714506.22	736750.45	25.94	1	2020	Causeway Phase 4
	GBH31	714273.44	736733.12	31.33	3	2020	Causeway Phase 4
	GBH25	714534.59	736730.6	24.79	2	2020	Causeway Phase 4
	GTP24	714295.8	736707.75	30.91	1	2020	Causeway Phase 4
	GBH30	714347.3	736668.98	30.3	3	2020	Causeway Phase 4
	GTP23	714359.21	736665.64	30.42	1	2020	Causeway Phase 4
	GBH24	714591.51	736644.75	24.58	2	2020	Causeway Phase 4
	GTP07	714587.16	736637.75	26.35	1.2	2020	Causeway Phase 4
	GTP22	714408.99	736615.2	29.69	1	2020	Causeway Phase 4
	GBH10	714610.13	736615.11	24.19	1.6	2020	Causeway Phase 4
	GBH19	714426.86	736608.02	29.19	2	2020	Causeway Phase 4
	GTP20	714473.53	736583.87	28.52	1	2020	Causeway Phase 4
	GTP06	714644.5	736580.56	25.67	1	2020	Causeway Phase 4
	GTP05	714627.63	736577.33	25.05	1	2020	Causeway Phase 4
	GBH18	714492.07	736567.64	28.19	2	2020	Causeway Phase 4
	GBH23	714649.21	736563.18	25.56	1.8	2020	Causeway Phase 4
	GBH17	714592.15	736522.99	26.32	2.1	2020	Causeway Phase 4
	TPCC08	714597.87	736520.13	25.58	0.9	2020	Causeway Phase 4
	GBH08	714713.21	736491.94	23.66	2	2020	Causeway Phase 4
	GBH07	714730.14	736486.37	23.52	2	2020	Causeway Phase 4
	GTP04	714747.75	736484.52	24.78	1	2020	Causeway Phase 4
	GBH16	714680.55	736478.2	24.71	2	2020	Causeway Phase 4
	GBH15	714752.26	736461.58	23.37	3	2020	Causeway Phase 4
	GTP03	714823.63	736438.28	23.62	1	2020	Causeway Phase 4
	GBH13	714737.33	736429.85	31.2	15	2020	Causeway Phase 4
	GBH05	714825.67	736427.79	21.98	2	2020	Causeway Phase 4
	GBH14	714784.43	736426.38	22.78	1.4	2020	Causeway Phase 4
	GBH04	714881.14	736421.36	27.23	15.5	2020	Causeway Phase 4
	NBH19	714957.65	736411.45	26.17	40	2019	Causeway Phase 1
	NBH19W	714957.65	736411.45	26.17	40	2019	Causeway Phase 1
	NBH19A	714960.6	736410.98	26.1	18.5	2019	Causeway Phase 1
	GBH03	714872.22	736407.56	21.18	1.9	2020	Causeway Phase 4
	TPCC07	714826.72	736403.46	21.84	0.6	2020	Causeway Phase 4
	GTP13	714805.7	736398.45	27.65	1	2020	Causeway Phase 4
	GTP01	714929.59	736394.02	20.49	1	2020	Causeway Phase 4
	ABH37	714967.9	736385.26	25.62	30	2021	Causeway Phase 5
	GBH12	714873.58	736384.7	20.96	2	2020	Causeway Phase 4
	TPCC13 NORTH	714893.57	736378.49	21.06	0.8	2020	Causeway Phase 4

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	GBH01	715006.95	736376.32	24.44	40	2020	Causeway Phase 4
	GBH22	714983.1	736372.5	18.72	1.8	2020	Causeway Phase 4
	TPCC01	715009.23	736371.89	20.42	1	2020	Causeway Phase 4
	TPCC13 SOUTH	714890.98	736371.13	21.32	0.4	2020	Causeway Phase 4
	TPCC09	715021.18	736368.45	16.94	0.8	2020	Causeway Phase 4
	GTP12	714877.69	736368.22	27.42	1	2020	Causeway Phase 4
	TPCC02	715036.73	736365.28	18.44	0.75	2020	Causeway Phase 4
	TPCC03	715010.68	736364.56	20.29	1.2	2020	Causeway Phase 4
	GBH02	714954.15	736363.46	25.96	40	2020	Causeway Phase 4
	TPCC10	715024.71	736361.68	17.18	0.9	2020	Causeway Phase 4
	GBH29	714930.35	736360.95	20.61	1.8	2020	Causeway Phase 4
	TPCC04	715036.37	736359.72	17.77	0.9	2020	Causeway Phase 4
	GBH21	715071.6	736359.63	18.41	1.7	2020	Causeway Phase 4
	GBH20	715184.27	736357.45	18.77	2	2020	Causeway Phase 4
	ABH38	715010.88	736348.37	24.93	30	2021	Causeway Phase 5
	GTP11	714953.56	736329.59	27.26	0.4	2020	Causeway Phase 4
	NBH20	714951.03	736318.28	27.28	32.6	2019	Causeway Phase 1
	TPCC11	715030.05	736317.8	18.99	1	2020	Causeway Phase 4
	TPCC05	715037.73	736315.07	18.98	0.9	2020	Causeway Phase 4
	TPCC12	715028.39	736313.31	18.64	0.45	2020	Causeway Phase 4
	TPCC06	715040.09	736308.73	18.57	0.2	2020	Causeway Phase 4
	GBH28	715061.33	736303.95	18.21	2	2020	Causeway Phase 4
	GBH27	715158.01	736269.66	16.94	2	2020	Causeway Phase 4
MATER STATION	NBH215	715164.64	735738.06	22.81	32	2019	Causeway Phase 2
	ABH40	715180.25	735722.42	22.5	30	2021	Causeway Phase 5
	ABH40A	715182.99	735721.89	22.51	4.4	2021	Causeway Phase 5
	ATP45WS	715176.72	735700.13	22.8	3.45	2021	Causeway Phase 5
	NBH21	715245.81	735693.89	21.73	40	2019	Causeway Phase 1
	BH H	715288.12	735683.23	18.33	8	2002	IGSL
	ATP46WS	715208.81	735643.23	22.31	3.15	2021	Causeway Phase 5
	ABH41	715233.32	735622.19	22.2	30	2021	Causeway Phase 5
	NBH216A	715251.14	735574.05	21.99	31	2019	Causeway Phase 2
O'CONNELL ST STATION	NBH304	715728.87	734929.13	2	26	2019	Causeway Phase 2
	NBH22	715712.71	734924.57	2.12	31.9	2019	Causeway Phase 1
	RC10A	715750.51	734865.61	4.932	44	2007	IGSL
	BH10A	715749.25	734864.2	4.932	15	2007	IGSL
	NBH63	715732.18	734849.17	5.05	4	2019	Causeway Phase 1
	ATP47	715743.09	734849.16	4.82	2.2	2021	Causeway Phase 5
	NBH23A	715730.57	734846.12	5.06	15.5	2019	Causeway Phase 1
	NBH23W	715712.5	734843.89	5.13	35.5	2019	Causeway Phase 1
	ABH45	715738.52	734842.14	5.05	15.6	2021	Causeway Phase 5
	ABH45A	715738.78	734841.5	5	30	2021	Causeway Phase 5
	NBH24	715744.2	734753.45	5.12	30.8	2019	Causeway Phase 1
	ABH46	715753.62	734749.6	4.99	30	2021	Causeway Phase 5
TARA STATION	BH38 (WIMTEC)	716164.55	734373.22	3.2	30	2000	Wimtec

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	NBH25	716228.69	734372.1	3.51	33	2019	Causeway Phase 1
	NBH26CA	716262.56	734334.47	3.96	9	2019	Causeway Phase 1
	ATP49WS	716250.93	734333.64	3.98	0.15	2021	Causeway Phase 5
	NBH26CW	716264.09	734331.43	4.02	36	2019	Causeway Phase 1
	ABH49	716263.9	734330.56	3.98	30	2021	Causeway Phase 5
	NBH27	716275.41	734316.99	3.67	35	2019	Causeway Phase 1
	ABH50	716274.57	734313.55	3.67	30	2021	Causeway Phase 5
	NBH64	716277.69	734312.18	3.61	4	2019	Causeway Phase 1
	ATP50WS	716255.26	734287.94	4.01	4.5	2021	Causeway Phase 5
ST STEPHEN'S GREEN	NBH219B	716174.48	733386.41	12.52	31	2019	Causeway Phase 2
	NBH219	716191.21	733381.99	12.52	0.5	2019	Causeway Phase 2
	NBH28	716176.2	733379.9	12.3	36	2019	Causeway Phase 1
	MGI/BH/734	716057.4	733281.94	11.98	34.95	2008	Norwest Holst
	ABH52	716130.05	733402.39	11.82	31	2021	Causeway Phase 5
	ABH53	716097.51	733359.63	11.92	31.4	2021	Causeway Phase 5
	ABH54	716088.42	733322.78	12.82	31	2021	Causeway Phase 5
	ATP51WS	716094.36	733327.71	13.47	1.4	2021	Causeway Phase 5
	ATP52WS	716106.06	733358.95	12.02	1.45	2021	Causeway Phase 5
	ATP52WSA	716105.1	733358.4	12	3	2021	Causeway Phase 5
CHARLEMONT STATION	NBH29	716054.59	732580.2	16.04	31	2019	Causeway Phase 1
	CB2	715984.58	732575.61	15.72	8.8	1995	IGSL
	CB3	715994.57	732558.62	15.88	8.9	1995	IGSL
	CB4A	715996.57	732550.62	20.57	13.7	1995	IGSL
	ABH56	716057.08	732541.63	12.11	26	2021	Causeway Phase 5
	NBH30W	716073.43	732535.34	15.8	36	2019	Causeway Phase 1
	NBH30A	716066.2	732531	16	16	2019	Causeway Phase 1
	ATP54	716045.9	732529.26	12.04	3.5	2021	Causeway Phase 5
	ABH59	716062.28	732526.11	11.93	30.2	2021	Causeway Phase 5
	ABH57	716076.76	732511.26	12.09	26	2021	Causeway Phase 5
	ATP55	716056.15	732511.18	12.09	3.5	2021	Causeway Phase 5
	NBH31	716099.06	732471.3	15.55	38.6	2019	Causeway Phase 1
	ABH58	716061.01	732464.34	15.9	30	2021	Causeway Phase 5
	DR1	716058.56	732451.64	20.84	12	1995	IGSL
	5 (IGSL95)	716066.56	732432.65	20.74	5.1	1995	IGSL
	DR2	716066.56	732432.64	20.9	10.5	1995	IGSL
Within 250m of Works Area							
NORTHWOOD TNL <250	BH508	715460.8	740327.52	63.127	6.1	2008	IGSL
	NBH80	715269.39	740308.1	64.21	35	2019	Causeway Phase 1
	ABH21	715334.31	740252.84	62.97	27.5	2021	Causeway Phase 5
BALLYMUN STN <250	NBH101	715404.24	740164.98	63.16	31.9	2019	Causeway Phase 1
	ABH22	715378.59	740134.36	63.09	30	2021	Causeway Phase 5
	RC509	715426.39	740123.39	63.58	20	2008	IGSL
	BH510	715479.66	740091.1	61.65	11.1	2008	IGSL
	BH510A	715481.75	740089.44	61.508	1.8	2008	IGSL
	SURGE_3041	715567.74	740053.99	NR	0.1	2009	GSI

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	SURGE_3042	715197.81	740040	NR	0.1	2009	GSI
	SURGE_3162	715588.73	740032	NR	0.1	2009	GSI
	RC511	715469.9	739880.41	61.685	25.3	2008	IGSL
	BH512	715473.82	739817.46	60.958	16	2008	IGSL
	BH514	715389.12	739648.91	59.703	12.7	2008	IGSL
	NBH204	715397.44	739639.83	59.36	30	2019	Causeway Phase 2
	RC515	715489.7	739598.93	58.793	20.2	2008	IGSL
	BH516	715496.38	739449.2	57.246	12	2008	IGSL
	BH516ACP	715496.64	739448.28	57.15	3	2008	IGSL
COLLINS AVE STN <250	RC517	715438.54	739316.71	54.953	24.2	2008	IGSL
	BH518	715428.33	739272.23	54.644	6.5	2008	IGSL
	RC519	715413.99	739147.38	52.59	24	2008	IGSL
	SURGE_4447	715273.79	739007.22	NR	0.1	2009	GSI
	MGI/BH/601A	715371.67	738989.98	52.29	1.3	2008	Norwest Holst
	MGI/BH/603	715434.96	738724.17	51.04	20.1	2008	Norwest Holst
	MGI/BH/606	715435.38	738698.9	50.9	20	2008	Norwest Holst
	NBH102	715445.38	738601.77	49.07	34	2019	Causeway Phase 1
	TP604	715432.82	738596.14	49.17	3.6	2008	Norwest Holst
	MGI/BH/609	715472.77	738563.26	48.677	20.15	2008	Norwest Holst
ALBERT COLLEGE <250	BH25	715435.21	738536.49	48.157	7.3	2007	IGSL
	RC25	715435.21	738536.49	48.157	24.2	2007	IGSL
	MGI/BH/604	715429.09	738485.9	46.996	17.65	2008	Norwest Holst
	ABH30	715429.46	738467.13	46.55	30	2021	Causeway Phase 5
	RC76	715539.52	738205.23	41.98	44.8	2007	IGSL
	MGI/BH/652	715807.2	738197.56	41.816	30.05	2008	Norwest Holst
	NBH209	715403.78	738119.33	39.16	39	2019	Causeway Phase 2
	MGI/BH/612	715694.26	738048.26	36.875	30.15	2008	Norwest Holst
	RC23	715373.33	738040.86	35.121	27	2007	IGSL
GRIFFITH PARK <250	BH01 (GII)	715419.6	737466.4	21.07	32.1	2018	GII
	BH04 (GII)	715419.6	737466.4	21.07	29.4	2018	GII
	MGI/BH/654	715596.66	737377.15	19.044	30.2	2008	Norwest Holst
	SURGE_4448	715514.72	737331.59	NR	0.1	2009	GSI
	SURGE_2132	715326.76	737272.6	NR	0.1	2009	GSI
	BH03 (GII)	715412.1	737111.8	9.7	19.5	2018	GII
	MGI/BH/653	715671.57	737085.28	15.748	30	2008	Norwest Holst
GLASNEVIN STN <250	SURGE_2127	714545.92	736827.7	NR	0.1	2009	GSI
	GBH11	714468.46	736817.41	28.79	15.5	2020	Causeway Phase 4
	NBH213	715035.55	736678.19	24.09	31	2019	Causeway Phase 1
	ABH35	715029.22	736642.7	24.06	29	2021	Causeway Phase 5
	BH46	714247.38	736639.3	32.657	7.4	2007	IGSL
	BH18	715110.77	736631.34	23.423	4.9	2007	IGSL
	RC18	715110.77	736631.34	23.423	44.15	2007	IGSL
	GBH09	714644.32	736604.33	28.34	15.1	2020	Causeway Phase 4
	GTP21	714413.65	736575.48	32.91	0.75	2020	Causeway Phase 4
	GTP19	714493.37	736532.96	32.99	0.55	2020	Causeway Phase 4

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	SURGE_2126	714879.85	736505.77	NR	0.1	2009	GSI
	BH02A	715025.3	736493.2	24.37	35.4	2018	GII
	GTP16	714588.77	736486	32.82	0.45	2020	Causeway Phase 4
	GBH06	714786.4	736479.41	27.76	15	2020	Causeway Phase 4
	SURGE_2125	714341.96	736455.78	NR	0.1	2009	GSI
	GTP14	714680.1	736448.74	32.82	0.7	2020	Causeway Phase 4
	NBH18	715055.26	736378.66	24.25	37.1	2019	Causeway Phase 1
	SURGE_2129	715124.79	736177.84	NR	0.1	2009	GSI
	BH17	715293.33	736176.57	20.886	10.6	2007	IGSL
	RC17	715293.33	736176.57	20.886	43	2007	IGSL
	NBH104	715007.44	736154.03	24.84	32	2019	Causeway Phase 1
	NBH83	715004.8	736150.8	27.1	40	2019	Causeway Phase 1
MATER STATION <250	NBH214	715035.55	735940.69	22.81	33	2019	Causeway Phase 2
	ABH39	715069.22	735910.12	25.12	32.9	2021	Causeway Phase 5
	BH D	715378.03	735863.51	14.96	8	2002	IGSL
	NBH84	715077.4	735846.2	23.5	45	2019	Causeway Phase 1
	A1	715469.71	735826.53	14.81	50.1	2009	Norwest Holst
	A2	715466.03	735825.61	14.94	20	2009	Norwest Holst
	BH G	715350.53	735823.58	15.82	2.1	2002	IGSL
	BH I	715376.35	735813.78	15.78	7	2002	IGSL
	BH F	715448.08	735803.98	14.74	8	2002	IGSL
	MGI/BH/641	715455.4	735799.25	14.938	35	2008	Norwest Holst
	MGI/BH/642A	715459.49	735789.74	15.57	12.8	2008	Norwest Holst
	B1	715508.36	735780.25	15.09	40	2009	Norwest Holst
	BH C	715309.4	735746.12	17.6	8	2002	IGSL
	MGI/BH/640	715507.01	735736.73	15.43	20.6	2008	Norwest Holst
	C	715507.537	735734.732	15.46	30	2009	Norwest Holst
	D	715483.3	735691.01	16.91	40.05	2009	Norwest Holst
	BH E	715432.3	735688.73	17.28	7.9	2002	IGSL
	MGI/BH/642	715501.14	735683.67	16.485	0.3	2008	Norwest Holst
	BHA/A1	715318.97	735681.56	17.25	14.2	2002	IGSL
	E2	715505.2169	735674.685	16.41	19	2009	Norwest Holst
	E1	715509.626	735672.9954	16.29	45.1	2009	Norwest Holst
	AGI/BH/MP001	715494.03	735669.98	17.27	33.7	2010	IGSL
	AGI/BH/MP002	715491.03	735665.88	17.37	33.2	2010	IGSL
	BH B/B1	715358.18	735665.06	17.02	9	2002	IGSL
	AGI/BH/MP003	715489.03	735661.18	17.56	35.3	2010	IGSL
	AGI/BH/MP004	715478.43	735630.89	17.62	35.35	2010	IGSL
	MGI/BH/637	715446.38	735629.09	17.307	35.2	2008	Norwest Holst
	SURGE_2122	715023.81	735613.96	NR	0.1	2009	GSI
	AGI/BH/MP013	715469.34	735613.79	17.58	32.6	2010	IGSL
	AGI/RC/MP05	715431.97	735558.69	18.297	40.6	2010	IGSL
	BH15 (WIMTEC)	715212.77	735541.98	21.4	34.75	2000	Wimtec
	NBH85	715350.5	735496.4	20.5	40	2019	Causeway Phase 1
	AGI/BH/MP06	715443.79	735471.62	18.114	8.4	2010	IGSL

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	AGI/RC/MP06	715443.79	735471.62	18.114	40	2010	IGSL
	MGI/BH/701	715421.1	735464.6	18.646	12.27	2008	Norwest Holst
	NBH217	715368.59	735430.15	19.49	32	2019	Causeway Phase 2
O'CONNELL ST <250	MGI/BH/702	715567.43	735171.36	12.874	28.4	2008	Norwest Holst
	SURGE_2118	715618.68	735159.06	NR	0.1	2009	GSI
	MGI/BH/704	715627.2	735158.73	11.41	25.5	2008	Norwest Holst
	NBH302	715624.65	735153.98	11.46	34	2019	Causeway Phase 2
	BH12	715669.38	735103.06	8.834	27	2007	IGSL
	RC12	715669.38	735103.06	8.834	46.7	2007	IGSL
	BH20 (WIMTEC)	715504.7	735064.08	10.1	33	2000	Wimtec
	MGI/BH/707	715815.74	735055.98	5.513	15.7	2008	Norwest Holst
	BH12 (WIMTEC)	715723.65	735024.09	5.9	30	2000	Wimtec
	NBH303	715719.88	735014.31	5.59	26	2019	Causeway Phase 2
	MGI/BH/706	715697.52	734991.08	5.536	27.1	2008	Norwest Holst
	BH11	715816.4	734960.42	4.875	11.8	2007	IGSL
	RC11	715816.4	734960.42	4.875	43.7	2007	IGSL
	BH17 (WIMTEC)	715630.67	734944.1	5.25	35	2000	Wimtec
	BH10	715780.97	734872.3	4.932	2.1	2007	IGSL
	BH11 (WIMTEC)	715789.64	734849.12	5.15	30	2000	Wimtec
	BH16 (WIMTEC)	715513.7	734835.13	5.05	30	2000	Wimtec
	BH9	715901.24	734782.67	4.182	11.2	2007	IGSL
	RC09	715901.24	734782.67	4.182	41.7	2007	IGSL
	MGI/BH/708	715801.84	734743.02	4.626	31.2	2008	Norwest Holst
	BH37 (WIMTEC)	715998.59	734708.15	3.65	30	2000	Wimtec
	BH14 (WIMTEC)	715663.66	734693.16	5.6	30	2000	Wimtec
	BH10 (WIMTEC)	715841.63	734671.16	4.75	30	2000	Wimtec
	MNEWSS02	715850.05	734627.3	4.72	34.75	2010	IGSL
	MNEWSS01	715862.25	734586.41	4.47	18.25	2010	IGSL
	1 (IGSL02)	715880.09	734523.09	2.12	11.6	2002	IGSL
	2 (IGSL02)	715884.42	734508.8	4.07	7.7	2002	IGSL
TARA STATION <250	BH07 (WIMTEC)	716176.55	734645.16	3.1	30	2000	Wimtec
	BH08 (WIMTEC)	715868.62	734576.18	4.4	30	2000	Wimtec
	BH23 (WIMTEC)	714956.81	734567.19	5.6	30	2000	Wimtec
	SURGE_2263	716363.51	734566.18	NR	0.1	2009	GSI
	SURGE_4197	716224.54	734566.18	NR	0.1	2009	GSI
	NBH86	716007.8	734534.5	3.5	45	2019	Causeway Phase 1
	BX/BH01	716022.8	734474.8	-3.92	15.9	2008	Norwest Holst
	MGI/BH/716	715933.88	734469.73	3.498	60.25	2008	Norwest Holst
	BX/BH02	716028.8	734447.97	-4.02	14.8	2008	Norwest Holst
	MGI/BH/712	715944.95	734442.72	-4.285	40.1	2008	Norwest Holst
	MGI/BH/715	716000.7	734422.25	3.716	59.5	2008	Norwest Holst
	MGI/BH/711	715950.82	734416.59	-3.7	39.7	2008	Norwest Holst
	ABH48	716213.63	734383.84	3.39	29	2021	Causeway Phase 5
	MGI/BH/718	715954.34	734343.47	4.446	7.9	2008	Norwest Holst
	SURGE_2262	716614.46	734328.23	NR	0.1	2009	GSI

Station	Exploratory Hole ID	Easting	Northing	Ground Level (mAOD)	Depth of Hole (m)	Year	GI Engineer
	BH03 (WIMTEC)	716078.57	734247.25	3.95	30	2000	Wimtec
	NBH87	716339.8	734163.1	3.4	40	2019	Causeway Phase 1
	SURGE_4201	716216.54	734042.29	NR	0.1	2009	GSI
	SURGE_4200	716348.51	734008.3	NR	0.1	2009	GSI
ST STEPHEN'S <250	NBH106	716196.65	733599.94	11.2	33	2019	Causeway Phase 1
	NBH90	716187	733570.5	11.9	40	2019	Causeway Phase 1
	MGI/BH/728	715870.38	733556.08	11.52	30	2008	Norwest Holst
	SURGE_2015	715860.61	733546.4	NR	0.1	2009	GSI
	MGI/BH/729	715834.58	733513.34	11.72	7.8	2008	Norwest Holst
	MGI/BH/730	715884.06	733457.32	11.775	35.45	2008	Norwest Holst
	MGI/BH/724	715852.47	733446.7	12.035	35.6	2008	Norwest Holst
	MGI/BH/733	715944.28	733342.41	11.86	35	2008	Norwest Holst
	MGI/BH/732	715782.2	733335.84	12.107	34.7	2008	Norwest Holst
	NBH91	716063.6	733159.7	12.5	40	2019	Causeway Phase 1
	NBH220	716067.77	733151.62	12.34	30	2019	Causeway Phase 2
	NBH107	716020.61	733023.89	13.21	32	2019	Causeway Phase 1
	ABH55	716003.78	733021.58	13.22	30	2021	Causeway Phase 5
	NBH92	715995.2	732995.3	13.5	40	2019	Causeway Phase 1
CHARLEMONT STN <250	NBH93	716013.1	732804.8	13.8	40	2019	Causeway Phase 1
	1 (IGSL95)	715882.6	732708.59	NR	9	1995	IGSL
	NBH222B	716063.54	732692.4	15.43	30	2019	Causeway Phase 2
	2 (IGSL95)	715960.58	732647.6	NR	5	1995	IGSL
	CB1	715973.58	732603.61	15.84	8.2	1995	IGSL
	6 (IGSL95)	716082.55	732399.65	20.86	5	1995	IGSL
	NBH110	716136.07	732276.96	16.77	31.7	2019	Causeway Phase 1
	SURGE_2003	715986.57	732251.68	NR	0.1	2009	GSI
	9 (IGSL95)	716141.54	732216.69	NR	5	1995	IGSL

Notes

NR - Not Recorded

Appendix B. Summary of Groundwater and Ground Gas Monitoring Locations

Table B1: Summary of Groundwater Monitoring Locations

AZ	Area	Location Reference	Monitoring Date	No. of Monitoring rounds
AZ1	Estuary	NBH72-S	2021	1
	Broad Meadow Viaduct	RC143-D	2008	2
	Estuary – Seatown	RC108	2008	1
		RC104	2008	1
		NBH401	2021	2
		NBH402	2021	2
		NBH406	2021	2
	Fostertown – North Portal	ABH08	2021	3
		ABH08ii	2021	3
		ABH09	2021	3
AZ2	Dublin Airport Station	NBH04	2021	2
		NBH60	2021	1
		NBH61	2021	1
		NBH62	2021	2
		ABH10	2021	3
		ABH12	2021	3
	South Portal	MN/104/BH003	2011	1
		NBH06	2019	2
		NBH06A	2021	5
		NBH06W	2021	5
AZ3	Dardistown Depot	MN/104/TP/006	2011	1
		MN/104/BH/002A	2011	1
		AWN01	2021	2
		AWN02	2021	2
	Northwood Station	NBH12	2021	5
		NBH73-S	2021	2
		ABH21	2021	3
AZ4	Ballymun Station	NBH203A-S	2021	1
		NBH203A-D	2021	2
		ABH25	2021	3
	Collins Avenue Station	NBH207-D	2021	3
		NBH102-S	2021	2

AZ	Area	Location Reference	Monitoring Date	No. of Monitoring rounds
	Albert College Park Shaft	ABH30i	2021	3
	Griffith Park Station	NBH211	2021	2
		NBH17	2021	5
		NBH233-D	2021	1
		NBH233-S	2021	1
		BH01 (GII)	2018	1
		BH03 (GII)	2018	1
		BH04 (GII)	2018	1
	Glasnevin Station	NBH19A	2019-2021	4
		NBH19W	2021	2
		NBH20-S	2021	2
		GBH01-D	2021	1
		GBH01-S	2021	1
		GBH02-D	2021	1
		GBH02-S	2021	1
		GBH04-D	2021	1
		GBH04-S	2021	1
		GBH13	2021	1
		NBH19A	2021	4
		NBH19W	2021	5
		NBH20-S	2021	2
		BH02A	2018	1
		NBH18-S	2021	2
		GBH06	2021	2
		GBH09	2021	2
		GBH11	2021	1
		NBH213	2021	3
	Mater Station	NBH21-S	2021	2
		NBH215-S	2021	1
		NBH215-D	2021	1
		NBH216A-D	2021	2
		NBH216A-S	2021	2
		NBH217	2021	3
		B1	2008	1
		C	2008	1
		E1-S	2008	1

AZ	Area	Location Reference	Monitoring Date	No. of Monitoring rounds
		E1-D	2008	1
		E2	2008	1
		ABH39	2021	3
		ABH40	2021	3
	O'Connell Street Station	NBH23	2019	2
		NBH23A	2019-2021	4
		NBH23W	2021	3
		NBH24-S	2021	2
		NBH22-S	2021	2
	Tara Station	NBH25-S	2021	2
		NBH26CA	2021	2
		NBH26CW	2021	5
		NBH64	2021	2
	St Stephen's Green Station	NBH219B-S	2021	2
		NBH219B-D	2021	2
		ABH53	2022	3
	Charlemont Station	NBH30W	2019	2
		NBH31	2021	3
		ABH59	2021	3

Table B2: Summary of Ground Gas Monitoring Locations

AZ	Area	Location Reference	Monitoring Date	No. of Monitoring rounds
AZ1	Estuary	NBH72-S	2021	2
	Estuary - Seatown	NBH403-S	2021	2
AZ2	Dublin Airport Station	NBH04	2021	2
		NBH60	2021	2
		NBH61	2021	2
		NBH62	2021	2
	South Portal	NBH05-S	2021	3
		NBH07	2021	3
AZ3	Dardistown Depot	AWN01	2021	1
		AWN02	2021	1
	Northwood Station	NBH73-S	2021	2
AZ4	Albert College Park Intervention Shaft	ABH30i	2021	1
	Griffith Park Station	NBH223-S	2021	2

AZ	Area	Location Reference	Monitoring Date	No. of Monitoring rounds
	Glasnevin Station	GBH02-S	2021	3
		GBH04-S	2021	3
		NBH18-S	2021	2
	Mater Station	C	2018	8
		E2	2018	3
	O'Connell Street Station	NBH22-S	2021	3
		NBH24-S	2021	3
		NBH63	2021	3
	Tara Station	NBH25-S	2021	3
		NBH64	2021	3

Appendix C. Preliminary CSM

Source	Receptor	Pathway	Pollutant Linkage
Construction			
Contaminants within soil and groundwater	Human health (construction workers)	Dermal contact, ingestion and inhalation of impacted soil, dust, fibres (asbestos) and waters	PL1
		Migration of ground gases and vapours to shallow pits or enclosed spaces	PL2
	Human health (adjacent residents / workers, transient foot traffic	Dermal contact, ingestion and inhalation of windblown soil, dust, fibres (asbestos) during construction	PL3
		Migration of ground gases into homes or workplaces via preferential pathways during construction	PL4
	Groundwater	Leaching and migration of contaminants through natural deposits and made ground	PL5
		Surface water run-off from stockpiled excavated material	PL6
		Leaks and spills from site plant and materials storage	PL7
		Discharge of intercepted contaminated groundwater during passive or active dewatering	PL8
	Surface water, ecological receptors	Migration / mobilisations of contaminated shallow groundwater through drift deposits / made ground	PL9
		Surface water run-off from stockpiled excavated material	PL10
		Leaks and spills from site plant and materials storage	PL11
		Discharge of intercepted contaminated groundwater during passive or active dewatering	PL12
	Property	Direct contact with sub-surface materials including made ground.	PL13
		Migration of ground gases into property through preferential pathways posing a potential explosion risk from ignition of explosive gases	PL14
Operation			
Contaminants within soil and groundwater	Human health (maintenance workers)	Dermal contact, ingestion and inhalation of soil, dust, fibres (asbestos) and waters during routine maintenance	PL15
		Migration of ground gases and vapours to enclosed spaces	PL16
	Human health (end users, adjacent residents, workers)	Dermal contact, ingestion and inhalation of windblown soil, dust, fibres (asbestos) from retained surface soils	PL17
		Migration and accumulation of ground gases into homes or workplaces via preferential pathways created during construction	PL18
	Groundwater	Leaching and migration of contaminants	PL19
		Surface water runoff from placed excavated material	PL20
		Migration of contaminated shallow groundwater through drainage channels and associated granular bedding materials	PL21

Source	Receptor	Pathway	Pollutant Linkage
		Discharge of intercepted contaminated groundwater	PL22
		Leaks / spills from trains and other operational plant	PL23
	Surface water, ecological receptors	Leaching and migration of contaminants	PL24
		Surface water runoff from placed excavated material	PL25
		Migration of contaminated shallow groundwater through drainage channels and associated granular bedding materials	PL26
		Discharge of intercepted contaminated groundwater	PL27
		Leaks / spills from trains and other operational plant	PL28
	Property	Direct contact with sub-surface materials including made ground.	PL29
		Migration of ground gases into property through preferential pathways posing a potential explosion risk from ignition of explosive gases	PL30

Appendix D. Review of Potential Contamination Sources

The preliminary CSM is presented in Appendix C and has been used as the basis for the contaminated land risk assessment. The methodology used to determine overall risk includes consideration of:

- The likelihood of the event (probability), which takes into account both the presence of the hazard and receptor and the integrity of the pathway; and
- The severity of the potential consequence, which takes into account both the potential severity of the hazard and the sensitivity of the receptor.

The classification of likelihood (based on Contaminated Land risk Assessment: A Guide to Good Practice (CIRIA 552) (CIRIA, 2001)) is detailed in Table D1 and the classification of severity is detailed in Table D2.

Table D1: Classification of Likelihood

Classification	Definition
High Likelihood	An event is very likely to occur in the short term, and is almost inevitable over the long term OR there is evidence at the receptor of harm or pollution
Likely	It is probable that an event will occur. It is not inevitable, but possible in the short term and likely over the long term
Low Likelihood	Circumstances are possible under which an event could occur. It is by no means certain that even over a longer period such an event would take place, and less likely in the short term
Unlikely	It is improbable that an event would occur even in the very long term

Table D2: Classification of Severity

Classification	Definition
Severe	• Acute risks to human health • Short-term risk of pollution of sensitive water resource (e.g. major spillage into the water environment) • Impact on surface water or groundwater e.g. large-scale pollution or very high levels of contamination • Catastrophic damage to buildings or property (e.g. explosion causing building collapse) • Ecological system effects – irreversible adverse changes to a protected location. Immediate risks.
Medium	• Chronic risks to human health • Pollution of sensitive water resources (e.g. leaching of contaminants into the water environment) • Ecological system effects – substantial adverse changes to a protected location. • Significant damage to buildings, structures and services (e.g. damage rendering a building unsafe to occupy, such as foundation damage)
Mild	• Non-permanent health effects to human health • Pollution of non-sensitive water resources • Damage to buildings, structures and services (e.g. damage rendering a building unsafe to occupy, such as foundation damage) • Substantial damage to non-sensitive environments (unprotected ecosystems e.g. crops)
Minor / Negligible	• Non-permanent health effects to human health (easily prevented by appropriate use of PPE) • Minor pollution to non-sensitive water resources • Minor damage to non-sensitive environments (unprotected ecosystems e.g. crops) • Easily repairable effects of damage to buildings, structures, services or the environment (e.g. discoloration of concrete, loss of plants in a landscaping scene).

To determine the overall risk to the identified receptor the likelihood and severity for the potential hazard are combined in accordance with the risk assessment matrix in Table D3. The definitions of the outcomes are summarised in Table D4.

Table D3: Risk Assessment Matrix

		Consequence			
		Severe	Medium	Mild	Minor/Negligible
Probability (Likelihood)	High Likelihood	Very high risk	High risk	Moderate risk	Moderate/Low risk
	Likely	High risk	Moderate risk	Moderate/Low risk	Low risk
	Low Likelihood	Moderate risk	Moderate/Low risk	Low risk	Negligible risk
	Unlikely	Moderate/Low risk	Low risk	Negligible risk	Negligible risk

Table D4: Definitions of Risk

Term	Description
Very high risk	Severe harm to a receptor may already be occurring OR a high likelihood that severe harm will arise to a receptor, unless immediate remedial action works / mitigation measures are undertaken.
High risk	Harm is likely to arise to a receptor, and is likely to be severe, unless appropriate remedial actions / mitigation measures are undertaken. Remedial works may be required in the short term, but likely to be required over the long term.
Moderate risk	Possible that harm could arise to a receptor but low likelihood that such harm would be severe. Harm is likely to be medium. Some remedial works may be required in the long term.
Moderate / low risk	Possible that harm could arise to a receptor, but where a combination of likelihood and consequence results in a risk that is above low, but is not of sufficient concern to be classified as medium. It can be driven by cases where there is an acute risk which carries a severe consequence, but where the exposure is unlikely.
Low risk	Possible that harm could arise to a receptor. Such harm would at worse normally be mild.
Negligible risk	Low likelihood that harm could arise to a receptor. Such harm unlikely to be any worse than mild.

Table D5: Review of Potential Contamination Sources

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
C1	Historic Pump (1888-1937)	718653	748951	AZ1	1000	145	55m NW	Small area with low potential for contamination within a greenfield area. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C2	Historic Quarry (1837-1864)	718397	748848	AZ1	1000	225	90m W	Small area within a greenfield area, unknown fill type. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, fill could be potential source of contaminants however unlikely to be disturbed by construction or operational activities.	Mild	Unlikely	Negligible	Unlikely	Negligible
C3	Farm (present)	718849	748709	AZ1	1080	175	0m	Small to moderate area of farm buildings with low potential for contamination. Not specifically targeted by GI. Adjacent to Works Area, possibility for minor contamination however unlikely to be disturbed by construction or operational activities.	Minor	Low Likelihood	Negligible	Low Likelihood	Negligible
C4	Historic Pump (1888-1913)	718356	748664	AZ1	1140	275	130m W	Small area with low potential for contamination within a greenfield area. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C5	Tank, unspecified (2008-present)	718864	748658	AZ1	1140	210	0m	Small area with low potential for contamination associated with farm buildings (C3). Not specifically targeted by GI within 5m of location footprint. Small scale tank associated with farm of unknown type, possibility for minor contamination however unlikely to be disturbed by construction or operation activities.	Minor	Low Likelihood	Negligible	Low Likelihood	Negligible
C6	Historic Pump (1864-1913)	718295	748619	AZ1	1180	340	205m WSW	Small area with low potential for contamination within a greenfield area. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C7	Cold Storage and Distribution depot (present) Construction date unknown	718879	748187	AZ1	1540	110	10m S	Extensive area, current industrial activity however with fairly low potential for pollution (may have fuel storage and distribution facilities though). Not specifically targeted by GI within 5m of location footprint, however existing information suggests there is no widespread contamination within this area. Unlikely to be disturbed by construction or operational activities.	Mild	Unlikely	Negligible	Unlikely	Negligible
C8	Historic Pumping Station (1937)	718578	748207	AZ1	1600	60	0m	Small area with low potential for contamination, at edge of Works Area. Not specifically targeted by GI within 5 m of location footprint.	Minor	Low Likelihood	Negligible	Unlikely	Negligible
C9	Industrial estate (present) Construction date unknown	718408	748059	AZ1	1660	125	65m SW	Moderate area with low potential for contamination (commercial / office properties rather than heavy industrial). Not specifically targeted by GI within 5 m of source footprint. Nearest GI locations suggest contamination is not widespread in this area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C10	Factory (2008-present)	718729	748012	AZ1	1760	55	35m SE	Moderate area occupied by current industrial activity (Bostik Industries Limited). Active site subject to pollution controls.	Mild	Unlikely	Negligible	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
								Not specifically targeted by GI, nearest GI locations suggest contamination not widespread in area.					
C11	Scrapyard (present) Construction date unknown	718830	747892	AZ1	1820	210	195m NE	Small to moderate area with some potential for pollution depending on environmental protection measures in place. Not specifically targeted by GI within 5 m of source footprint. Adjacent potential sources likely to provide greater risk.	Mild	Unlikely	Negligible	Unlikely	Negligible
C12	Multiple historic Gravel pits (1937)	718723	747810	AZ1	1940	160	30m N	Moderate area, unknown fill type, adjacent to Sewage works (C14). Not specifically targeted by GI within 5m of location footprint, former gravel pits closer to proposed Project likely to provide greater risk.	Mild	Unlikely	Negligible	Unlikely	Negligible
C13	Historic Gravel Pit (1837-1842)	718312	747907	AZ1	1960	160	60m WNW	Moderate sized area, now under Balheary Industrial Park and outside Works Area. Unknown fill type. Not specifically targeted by GI within 5m of location footprint.	Mild	Unlikely	Negligible	Unlikely	Negligible
C14	Sewage Works (1937-present)	718824	747751	AZ1	2000	190	0m	Extensive area, currently active, built on site of former gravel pits. Minor interaction with Works Area (Intersects end of access road which is part of Works Area). Actively managed site subject to pollution controls. Not specifically targeted by GI within 5m of location footprint, nearest GI locations suggest contamination not widespread in area.	Medium	Low likelihood	Moderate/Low	Unlikely	Low
C15	Historic Gravel Pit (1837-1842)	718556	747680	AZ1	2140	30	0m	Small area. 1 No. ground investigation location within footprint (NBH405) recorded made ground to 1.20mbgl comprising sandy gravelly clay with fragments of plastic, ceramics, pottery, brick, concrete and fabric. No obvious discolourations / odours noted. Intersects edge of Works Area and some disturbance may occur.	Mild	Low Likelihood	Low	Unlikely	Negligible
C16	Historic Gravel Pit (1888-1913)	718643	747657	AZ1	2180	65	0m	Moderate sized area, unknown fill type. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area. Crossed by access road as part of Works Area.	Mild	Low Likelihood	Low	Unlikely	Negligible
C17	Industrial estate (present) Construction date unknown	718004	747429	AZ1	2220	410	205m WSW	Moderate to extensive area, commercial / office units rather than industrial use. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area. At distance from Works Area, unlikely to interact with construction and operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C18	Fire Station (2008-present)	718219	747521	AZ1	2240	275	80m W	Small area, current potential source. Not a training facility with low contamination potential (possible source of fire fighting foam and materials containing PFAS). Not specifically targeted by GI within 5m of site footprint. Nearest GI locations suggest contamination not widespread in area	Mild	Unlikely	Negligible	Unlikely	Negligible
C19	Garage (present) Construction date unknown	718404	747549	AZ1	2240	90	10m S	Small area with low potential for contamination. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area	Mild	Unlikely	Negligible	Unlikely	Negligible
C20	Electricity Stations (1930-1937)	718233	747472	AZ1	2280	275	90m SW	Small historic area with low potential for contamination. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area	Minor	Unlikely	Negligible	Unlikely	Negligible
C21	Industrial unit (present) Construction date unknown	718353	747510	AZ1	2280	120	10m S	Small area, commercial / office use with low potential for contamination (rather than industrial). Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area.	Minor	Unlikely	Negligible	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
C22	Factory area with tanks (present) Construction date unknown	718055	747210	AZ1	2320	330	190m SW	Extensive area of industrial land use (SK Biotek Ireland). Active site subject to pollution controls. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area. At distance from Works Area, unlikely to interact with construction and operational activities.	Mild	Unlikely	Negligible	Unlikely	Negligiblw
C23	Historic Pump (1906)	718338	747360	AZ1	2380	220	190m WSW	Small area with low potential for contamination. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C24	Historic Quarry (1837-1864)	718362	747277	AZ1	2440	240	180m WSW	Small area, unknown fill type. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities	Mild	Unlikely	Negligible	Unlikely	Negligible
C25	Multiple historic Gravel pits (1937)	718991	747573	AZ1	2560	330	195m ESE	Small area, unknown fill type. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities	Mild	Unlikely	Negligible	Unlikely	Negligible
C26	Historic Gravel Pit (1888-1937)	718952	747418	AZ1	2600	300	265m ENE	Small area, unknown fill type. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities	Minor	Unlikely	Negligible	Unlikely	Negligible
C27	Industrial estate / distribution depot (present) Construction date unknown	718904	747257	AZ1	2700	75	0m	Moderate area comprising commercial and transport units (rather than heavy industry) which are subject to environmental controls. Intersects edge of Works Area so interactions likely to be minimal. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area.	Mild	Unlikely	Negligible	Unlikely	Negligible
C28	Tank (2008-2016)	718835	747161	AZ1	2740	120	25m E	Small area, current potential source, subject to environmental controls, unknown tank type with some potential for contamination however interactions with proposed Project not expected. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area.	Mild	Unlikely	Negligible	Unlikely	Negligible
C29	Historic Tank and Pump (1906-1937)	718920	747153	AZ1	2760	190	25m N	Small area, low potential for contamination. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C30	Pump (1906-1937)	718422	747031	AZ1	2800	290	110m WSW	Small area, low potential for contamination. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities	Minor	Unlikely	Negligible	Unlikely	Negligible
C31	Various Tanks (2008-present)	718827	746971	AZ1	2880	60	0m	Tanks of unknown type associated with building (Hertz Europe), active and will be subject to environmental controls. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area. At edge of Works Area however direct disturbance of these tanks as part of construction or operation considered unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C32	Industrial Estate (present) Construction date unknown	719143	746972	AZ1	3020	335	125m E	Moderate area, commercial / office use rather than industrial. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area.	Mild	Unlikely	Negligible	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
								At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities.					
C33	Industrial estate (present) Construction date unknown, extended 2008	718947	746775	AZ1	3020	80	0m	Moderate area, commercial / office use rather than industrial. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area. At edge of Works Area however presence of a viable pollutant linkage considered unlikely.	Mild	Unlikely	negligible	Unlikely	Negligible
C34	Tank (2008-present)	718551	746814	AZ1	3060	180	125m W	Small area, current potential source, unknown type of tank. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities	Mild	Unlikely	Negligible	Unlikely	Negligible
C35	Graveyard (1864/5-present)	718407	746768	AZ1	3140	200	110m WNW	Moderate area, current potential source, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities	Mild	Unlikely	Negligible	Unlikely	Negligible
C36	Various Tanks (2008-present)	718896	746711	AZ1	3140	120	40m SE	Moderate area, current industrial activity (associated with Siemens Healthcare Diagnostics), subject to environmental controls. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area.	Mild	Unlikely	Negligible	Unlikely	Negligible
C37	Factory (2008-present)	718865	746637	AZ1	3200	75	20m SE	Moderate area current industrial activity (Siemens Healthcare Diagnostics), subject to environmental controls. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area.	Mild	Unlikely	Negligible	Unlikely	Negligible
C38	Factory/Storage areas (2008-present)	719012	745808	AZ1	3680	390	115m SE	Extensive area, current industrial activity (MSD Biotech), subject to environmental controls. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area. At distance from Works Area, unlikely to interact with construction and operational activities.	Mild	Unlikely	Negligible	Unlikely	Negligible
C39	Historic Pump (1888-1913)	718301	746458	AZ1	3780	305	90m NW	Small area, now Pavilions Shopping Centre. Low potential for pollution. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C40	Electricity Substations (2008-present)	718316	745998	AZ1	3980	25	10m S/W	Current industrial use associated with Airside Business Park. Low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Nearest GI locations suggest contamination not widespread in area	Minor	Unlikely	Negligible	Unlikely	Negligible
C41	Gravel Pit 1837	717997	746113	AZ1	4200	145	100m NNW	Small area, unknown fill type. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities	Mild	Unlikely	Negligible	Unlikely	Negligible
C42	Gravel Pit 1837	717939	746111	AZ1	4260	175	125m NW	Small area, unknown fill type. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by or interact with construction or operational activities	Mild	Unlikely	Negligible	Unlikely	Negligible
C43	Pump and Tank (1937)	718097	745793	AZ1	4280	170	5m S	Small area with low potential for contamination. Not specifically targeted by GI within 5m of location footprint.	Minor	Unlikely	Negligible	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
								Unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.					
C44	Pump (1937-1975)	717702	745337	AZ1	5000	5	0m	Small area, low potential for pollution. Adjacent ground investigation information (TP203) recorded made ground to 1.70mbgl comprising sandy gravel or sandy gravelly clay with fragments of wood, brick, plastic and road cones. No obvious evidence of discolouration, unusual odours or sheens.	Minor	Low Likelihood	Negligible	Unlikely	Negligible
C45	Texaco Petrol Station (present) Construction date unknown, extended 2008	717641	745228	AZ1	5160	15	5m W	Small area, current potential source with possibility of fuel leaks / spills. 1 No. ground investigation location within site footprint (TP204). Made ground recorded up to 0.80mbgl comprising gravelly sand with concrete and plastic. No obvious evidence of discolouration, unusual odours or sheens.	Medium	Low likelihood	Moderate/Low	Unlikely	Low
C46	Car Dismantler Yard (present) Construction date unknown	717679	745069	AZ1	5220	0	0m	Moderate area, current potential source (Boland Car Dismantler) with possibility of fuel and lubricant leaks / spills. Not specifically targeted by GI within 5m of location footprint (no access available) although nearby locations suggest contamination is not widespread in the surrounding area.	Medium	Likely	Moderate	Unlikely	Low
C47	Tank (covered) (1937)	717394	744990	AZ1	5440	185	50m WNW	Small area with low potential for contamination. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C48	Concrete supplier (present) Construction date unknown	717336	744995	AZ1	5480	175	40m WNW	Moderate area, concrete products supplier (McComish Ltd). Not specifically targeted by GI within 5m of location footprint. Nearby locations suggest contamination is not widespread in the surrounding area. Interactions with construction and operation activities likely to be minimal.	Mild	Unlikely	Negligible	Unlikely	Negligible
C49	Farm (1837-present)	717956	744808	AZ1	5480	290	160m SE	Small to moderate area of farm buildings with low potential for contamination. Not specifically targeted by GI. At distance from Works Area possibility for minor contamination however unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C50	Pump (1888-1975)	717840	744778	AZ1	5500	295	180m SE	Small area with low potential for contamination. Not specifically targeted by GI within 5m of location footprint. Unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C51	Tank (1937)	717389	744697	AZ1	5720	95	60m NW	Small area with low potential for contamination. Not specifically targeted by GI within 5m of location footprint. Unlikely to be source of contaminants and unlikely to be disturbed by construction or operational activities.	Negligible	Unlikely	Negligible	Unlikely	Negligible
C52	Vehicle storage area / earthworks (2002-2013)	717400	744338	AZ2	6040	0	Within	Small area, potential for pollution however not clear if breaking activities are undertaken. 3 No. ground investigation locations within footprint (TP212, ATP25 and ABH09) recorded made ground up to 0.4m thick (sandy gravelly clay with stone fragments) or obvious evidence of discolouration, unusual odours or oil sheens. Within Works Area at the north portal, disturbance of ground in area likely.	Mild	Likely	Moderate/Low	Unlikely	Negligible
C53	Earthworks / Storage units (2008-present)	717316	744026	AZ2	6200	0	30m SW	Moderate to extensive area, potential fuelling/storage area with potential for pollution. 2 No ground investigation location within site footprint (RC302, ABH10). Made ground recorded in RC302 only	Mild	Unlikely	negligible	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
								up to 1.2mbgl comprising sandy gravel and sandy clay. No obvious evidence of discolouration, unusual odours or oil sheens. Not within works Area although above tunnel alignment, direct disturbance of site unlikely.					
C54	Airport hardstanding and storage areas (present) Construction date unknown	716620	743367	AZ2	6640	0	160m NE	Extensive area covered by hard standing used for aircraft movement and fuelling. Currently subject to environmental management and pollution prevention measures. 5 No ground investigation locations recorded within site footprint (RC309, RC311, BH60, ABH11, ABH15). Made ground up to 3.65mbgl comprising sandy gravel, asphalt and sandy clay with brick, wood and plastic fragments recorded in the vicinity of the tunnel alignment. Made ground up to 5.80mbgl comprising sandy clay with plastic recorded approximately 600m from the proposed Project centreline. No obvious evidence of discolouration, unusual odours or oil sheens. Direct disturbance associated with this source is unlikely although it is noted that historic activities have the potential to have resulted in pollution.	Mild	Unlikely	Negligible	Unlikely	Negligible
C55	Various tanks and Electricity Substations (2008-present)	717266	743641	AZ2	6760	145	200m ENE	Small area, current potential source, tanks of unknown type. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities.	Mild	Unlikely	Negligible	Unlikely	Negligible
C56	Pump (1864-present)	717097	743678	AZ2	6780	35	140m NE	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C57	Airport buildings and infrastructure (present) Construction date unknown	717024	743668	AZ2	6780	0	60m NE	Extensive current area with of airport passenger and administration buildings, pollution potential considered to be limited. 2 No ground investigation locations recorded within footprint of buildings (BH303, RC303A). Made ground recorded up to 0.50mbgl comprising sandy gravelly clay. No obvious evidence of discolouration, unusual odours or oil sheens. Buildings do not overlap with Works Area however overlie tunnel alignment.	Mild	Unlikely	Negligible	Unlikely	Negligible
C58	Circle K Petrol Station (present) Construction date unknown	717328	743532	AZ2	6800	295	295m E	Small area, current potential source with possibility of fuel leaks / spills. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance form proposed Project.	Medium	Unlikely	Low	Unlikely	Low
C59	Historic Quarry (1837-1937)	716952	743455	AZ2	6980	0	0m	Moderate area. 14 No. ground investigation locations within 5m of site footprint. Made ground comprising gravel or gravelly sandy clay recorded to depths of 0.40 to 2.7 mbgl. Anthropogenic material includes concrete, rebar and/or brick and possible domestic waste in one location. Exceedances of residential and commercial GAC for PAHs and chromium. Metallic, inorganic and organic (PAH, TPH) contaminants identified in groundwater. Excavation / disturbance of ground will be required as part of construction of Dublin Airport station.	Medium	Likely	Moderate	Unlikely	Low
C60	Historic Collinstown Aerodrome with hangars, pumps and tanks (1937)	716737	743469	AZ2	7260	0	45m NE	Moderate area with potential for historic contamination such as hydrocarbon from fuelling operations. Not specifically targeted by GI within 5m of location footprint.	Medium	Low likelihood	Moderate/Low	Unlikely	Low

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
								Metallic, inorganic and organic (PAH, TPH) contaminants identified in groundwater nearby.					
C61	Airport buildings and infrastructure (present) Construction date unknown	717045	743084	AZ2	7280	0	125m SW	Extensive current area with of airport passenger and administration buildings, pollution potential considered to be limited. 1 No ground investigation location recorded within site footprint. Made ground recorded to 1.10mbgl comprising reinforced concrete and sandy gravel. No obvious evidence of discolouration, unusual odours or oil sheens. Buildings do not overlap with Works Area however overlie tunnel alignment.	Mild	Unlikely	Negligible	Unlikely	Negligible
C62	Pumps (x2) (1864-1937)	716745	743056	AZ2	7460	0	315m NNE	Small area, low, historical potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C63	Pump (1937)	716557	742796	AZ2	7780	35	515m NE	Small area, low, historical potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance form Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C64	Pump (1906-1937)	716067	742079	AZ3	8720	50	0m	Small area, low, historical potential for pollution. 1 No. ground investigation location within 5m of the site footprint (MN/104/TP/006) recorded made ground to 1.40mbgl comprising clay and sand with rubble, concrete, bricks, plastic and steel (may not be associated with this historical source). No obvious evidence of discolouration, unusual odours or oil sheens.	Minor	Low likelihood	Negligible	Unlikely	Negligible
C65	Tanks (2008-present)	716045	741798	AZ3	8940	110	85m SE	Moderate area, current potential source, unknown tank type (likely water treatment / waste water treatment works). Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Mild	Unlikely	Negligible	Unlikely	Negligible
C66	Pump (1937)	715475	741734	AZ3	9340	145	0m	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Within Works Area so disturbance is possible during construction however minor historical source.	Minor	Low likelihood	Negligible	Unlikely	Negligible
C67	Cooking oil wholesaler including storage tanks (present) Construction date unknown	715757	741586	AZ3	9380	50	0m	Moderate area, current industrial activity, subject to environmental controls. Not specifically targeted by GI within 5m of location footprint. Nearby GI suggests contamination is not widespread in area. At boundary of Works Area direct disturbance of this potential source is unlikely, however immediate area may be affected.	Mild	Low likelihood	Low	Unlikely	Negligible
C68	Commercial unit / area of potential tipping and storage (2002-present)	715172	741436	AZ3	9500	270	35m W	Moderate area, current commercial activity. Not specifically targeted by GI within 5m of location footprint. Possible material storage and tipping with unknown environmental controls. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Mild	Low likelihood	Negligible	Unlikely	Negligible
C69	Vehicle test centre / earthworks (present) Construction date unknown, earthworks /	715702	741440	AZ3	9640	15	0m	Moderate area, current commercial activity including vehicle testing, storage and maintenance. Not specifically targeted by GI within 5m of location footprint. Nearby GI suggests contamination is not widespread in area.	Mild	Low likelihood	Low	Unlikely	Negligible

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	potential tipping from 2003							At boundary of Works Area direct disturbance of this potential source is unlikely, however immediate area may be affected.					
C70	Distribution depot / vehicle storage area (2002-present)	715950	741181	AZ3	9860	135	100m E	Moderate area, current industrial activity, subject to environmental controls (may have fuel storage and distribution facities). Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Mild	Unlikely	Negligible	Unlikely	Negligible
C71	Pumps (1837-1937)	715465	741061	AZ3	9980	60	20m NW	Small area, low, historical potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C72	Circle K Petrol Station (present) Construction date unknown	715397	740627	AZ3	10400	65	0m	Small area, current potential source with possibility of fuel leaks / spills. Not specifically targeted by GI within 5m of location footprint. Adjacent to Works Area boundary so direct disturbance unlikely, however any leaks / spills to the subsurface may affect construction.	Medium	Low likelihood	Moderate/Low	Unlikely	Low
C73	Electricity substation (2008-present)	714895	740919	AZ3	10420	450	165m W	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C74	Tanks (Current) (2008-present)	714983	740820	AZ3	10440	360	90m W	Small area, current potential source associated with commercial estate. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Mild	Unlikely	Negligible	Unlikely	Negligible
C75	Industrial estate (present) Construction date unknown	714953	740691	AZ3	10580	185	0m W	Moderate area, current commercial / office buildings rather than industrial activity so low pollution potential. Not specifically targeted by GI within 5m of location footprint. Next to Works Area boundary however unlikely to be disturbed by construction and operation activities.	Mild	Unlikely	Negligible	Unlikely	Negligible
C76	Derelict building/area of earthworks (present) Construction date unknown	715200	740456	AZ3	10620	0	Within	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Composition of any made ground unknown. Adjacent to works Area however unlikely to be directly disturbed by construction and operation activities although immediate area may be affected.	Minor	Low likelihood	Negligible	Unlikely	Negligible
C77	Pump (1906-1937)	715443	740440	AZ3	10680	175	20m NE	Small area, low, historical potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C78	Ballymun Shopping centre (derelict) and potential tanks. Constructed 1960s	715331	739861	AZ4 - Ballymun	11280	0	0m	Moderate area, derelict shopping centre. Adjacent GI locations recorded made ground to 4.1mbgl comprising sandy gravel or sandy gravelly clay over concrete. No obvious evidence of discolouration, unusual odours or oil sheens. Hydrocarbons / VOCs identified in soil and groundwater which could potentially present a risk, exact source not identified. Contamination potential not considered to be high however area will be directly disturbed during construction.	Mild	Likely	Moderate/Low	Unlikely	Negligible
C79	Historic Tank (elevated) (1937-1975)	715449	739802	AZ4 - Ballymun	11320	35	0m	Part of the now derelict Ballymun shopping centre, historic tanks of unknown types. Small area, some potential of residual pollution. Tanks not specifically targeted by GI within 5m of location	Mild	Likely	Moderate/Low	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
								footprint. Area of shopping centre will be directly disturbed during construction.					
C80	Pumps (x2) (1864-1975)	715503	739476	AZ4	11640	90	255m S	Small area associated with buildings to east of Trinity Comprehensive School. Low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C81	Historic Pump (1888-1937)	715420	739435	AZ4	11680	5	290m S	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C82	Electricity Substations and tank (2008-present)	715391	739403	AZ4	11720	15	280m N	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C83	Pump (1864-1906)	715510	739100	AZ4 - Collins Avenue	12020	100	0m	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Within Works Area so disturbance is possible during construction however minor historical source.	Minor	Low Likelihood	Negligible	Unlikely	Negligible
C84	Electricity Substations (2008-present)	715472	739088	AZ4 - Collins Avenue	12020	40	0m	Small area, low potential for pollution. 1 No. ground investigation location within 5m of site footprint (TP601) recorded made ground to 0.80mbgl comprising sandy gravel. No obvious evidence of discolouration, unusual odours or oil sheens. At northern boundary of Works Area, disturbance may occur during construction.	Minor	Low likelihood	Negligible	Unlikely	Negligible
C85	Pumps (x2) (1864-1937)	715672	738345	AZ4	12720	260	200m E	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C86	Circle K Petrol Station (present) Construction date unknown	715351	738249	AZ4	12900	25	35m W	Small area, current potential source with possibility of fuel leaks / spills. Not specifically targeted by GI within 5m of location footprint. 35 m from Works Area boundary so direct disturbance unlikely, however any leaks / spills to the subsurface may affect construction.	Medium	Low likelihood	Moderate/Low	Unlikely	Low
C87	Electricity Substations (2008-present)	715304	738190	AZ4	12940	75	105m SW	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C88	Oil-filled Cable Leak 29 (unidare – Whitehall 38kV) – 450l Linear Alkyl Benzene	715431	737889	AZ4	13220	0	340m S	Small area, known pollution event. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance unlikely however above the tunnel alignment.	Medium	Unlikely	Low	Unlikely	Low
C89	Historic Tank (1937)	715372	737864	AZ4	13240	50	390m S	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C90	Historic Tank (1937)	715386	737694	AZ4	13420	70	305m N	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C91	Graveyard (1864-present)	715257	737666	AZ4	13500	180	275m NW	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible

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C92	Bon Secours Hospital (1951-present)	715263	737603	AZ4 - Griffith Park	13540	125	180m NW	Moderate area, current potential source, low potential for pollution (potential for back-up generator on site with associated fueld storage). Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C93	Burial Ground 1888-1913	715125	737424	AZ4 - Griffith Park	13740	300	250m NW	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C94	Potentially infilled ground/burial ground	715440	737267	AZ4 - Griffith Park	13840	0	Within	Moderate area. 2 No. ground investigation locations within site footprint (NBH17). Made ground recorded up to 2.30mbgl comprising sandy gravelly silt with fragments of brick, glass and wood. No soil GAC exceedances. No obvious evidence of discolouration, unusual odours or oil sheens. Will be directly disturbed by construction of Griffith Park station.	Mild	Likely	Moderate/Low	Unlikely	Negligible
C95	Electricity Substations (2008-present)	715363	737189	AZ4 - Griffith Park	13940	45	5m W	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities.	Minor	Unlikely	Negligible	Unlikely	Negligible
C96	Tobacco Factory/printworks (post 1888-present)	715241	736691	AZ4	14460	45	470m NNE	Moderate area, now derelict former tobacco factory. Some potential for residual contamination. Not specifically targeted by GI within 5m of location footprint, nearby GI locations suggests contamination not widespread in area. Unlikely to be directly disturbed by construction or operation given distance from Works Area.	Mild	Unlikely	Negligible	Unlikely	Negligible
C97A	Glasnevin Cemetery (1830- present)	714578	737158	AZ4	14540	140	350m SW	Large area, current potential source however low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be directly disturbed by construction or operation given distance from Works Area.	Mild	Unlikely	Negligible	Unlikely	Negligible
C97B	Glasnevin Cemetery (Extension) (unknown – present)	714407	736716	AZ4	14680	450	0m	Large area, current potential source however low potential for pollution. Not specifically targeted by GI within 5m of location footprint. While adjacent to Works Area direct disturbance during construction and operation is considered unlikely.	Mild	Low likelihood	Negligible	Unlikely	Negligible
C98	Printing Works (1930s-2012)	715224	736614	AZ4	14540	65	550m NNE	Moderate area, site has been demolished/cleared. Some potential for residual pollution. 1 No. ground investigation location within footprint (RC18). Made ground recorded up to 1.40mbgl. No obvious evidence of discolouration, unusual odours or oil sheens. Unlikely to be directly disturbed by construction or operation given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C99A	Glasnevin Station (1888-present)	714858	736412	AZ4	14880	0	0m	Moderate area, current / historical station / railway land. 21 No. ground investigation locations within site footprint. Mage ground generally comprising ballast or sandy gravelly clay recorded up to 3.50mbgl. No obvious evidence of discolouration, unusual odours or oil sheens. Exceedances of residential soil GAC for metals, PAHs and TPH in area of station and track upgrades. Groundwater assessment criteria exceeded for metals and inorganics. The proposed construction works for the Glasnevin station box and track realignment will directly disturb this area.	Medium	Likely	Moderate	Unlikely	Low

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C99B	Glasnevin Railway (1888-present)	714365	736651	AZ4	14800	280	0m	Moderate area, current / historical potential source. 22 No. ground investigation locations within site footprint. Made ground generally comprising ballast or sandy gravelly clay recorded up to 2.40mbgl. No obvious evidence of discolouration, unusual odours or oil sheens. Exceedances of soil GAC for metals, PAHs and TPH in area of station and track upgrades. Groundwater assessment criteria exceeded for metals and inorganics. The proposed construction works for the track realignment will directly disturb this area.	Medium	Likely	Moderate	Unlikely	Low
C99C	Railway Yard (1888-unknown)	714160	736667	AZ4	14720	780	0m	Moderate area, historical potential source. Waterways Ireland indicate that yard was historically used to apply creosote to railway sleepers resulting in contamination of the area and leakage into the Grand Canal. 1 No. adjacent ground investigation location (BH46). Made ground recorded to 1.20mbgl comprising ash and clinker over sandy clay. No obvious evidence of discolouration, unusual odours or oil sheens. Further GI coverage need to fully evaluate this source. The proposed construction works for a bridge across the Grand Canal and access track will directly disturb this area.	Medium	Likely	Moderate	Unlikely	Low
C99D	Tank (1888-1914)	714013	736796	AZ4	14640	1015	50m W	Small area, historic potential source. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area, unlikely to be disturbed by construction or operational activities.	Mild	Unlikely	Negligible	Unlikely	Negligible
C100	Glasnevin Station / Railway (1888-present)	715251	736350	AZ4	14900	40	0m	Moderate area, current / historical potential source. 2 No. ground investigation locations within site footprint (GBH27, GBH28). Made ground comprising ballast recorded up to 0.80mbgl. No obvious evidence of discolouration, unusual odours or oil sheens. Exceedances of soil GAC for metals, PAHs and TPH in area of station and track upgrades. Groundwater assessment criteria exceeded for metals and inorganics. The proposed construction works for the track realignment will directly disturb this area.	Medium	Likely	Moderate	Unlikely	Low
C101	Railway (1888-present)	715228	736241	AZ4	14940	50	0m	Moderate area, current / historical potential source. 2 No. ground investigation locations within site footprint (GBH20, GBH21). Made ground comprising ballast recorded up to 1.10mbgl. No obvious evidence of discolouration, unusual odours or oil sheens. Exceedances of soil GAC for metals, PAHs and TPH in area of station and track upgrades. Groundwater assessment criteria exceeded for metals and inorganics. The proposed construction works for the track realignment will directly disturb this area.	Medium	Likely	Moderate	Unlikely	Low
C102	Flour Mill (1888-1913) and Disused Pin Mill (1888)	714858	736331	AZ4	14980	0	5m S	Former flour mill has now been converted into apartments. Considered to have a low residual potential for contamination since redevelopment. NBH20 adjacent to former mill on the southern back of the Royal Canal, made ground to 1.2mbgl recorded comprising slightly sandy slightly gravelly clay with fragments of brick and timber. No obvious evidence of discolouration, unusual odours or oil sheens. On the opposite side of the Grand Canal to the majority of works to be undertaken at Glasnevin Station.	Mild	Unlikely	Negligible	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
C103	Tramway Depot 1888-1913	714916	735935	AZ4	15280	95	260m NW	Small area, historical land use considered to have low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be directly disturbed by construction or operation given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C104	Infilled canal (fill date unknown)	715063	735762	AZ4 - Mater	15380	0	75m NW	Large area, former canal with unknown fill materials. Not specifically targeted by GI within 5m of location footprint. Overlies tunnel section however at distance from Works Area, fill could be potential source of contaminants however unlikely to be disturbed by construction or operational activities.	Mild	Unlikely	Negligible	Unlikely	Negligible
C105	Mater Hospital (1864-present)	715378	735730	AZ4	15560	5	0m	Large area, current potential source. Potential for pollution from activities such as fuel / material storage and incinerators. 43 No. ground investigation locations within hospital site however majority at greater distance than 5m of site footprint. Made ground recorded to depths of 1 – 4.10mgbl, generally comprising clayey sandy gravel or gravelly clay with inclusions of brick, glass and/or pottery. Analysis of soil samples shows concentrations of heavy metals/PAHS in excess of GAC. Hospital site as adjacent to northern boundary of Works Area at Mater Station, and disturbance of made ground around the hospital / potential migration of contaminants is possible during construction.	Medium	Low likelihood	Moderate/low	Unlikely	Low
C106	Oil-filled Cable Leak 63 (Phibsborough – Granby Row) – 285l Linear Alkyl Benzene / Mineral Oil mix	715037	735635	AZ4 - Mater	15600	145	100m SW	Small area, known pollution event though exact location unclear. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Medium	Unlikely	Low	Unlikely	Low
C107	Historic Pump (1864)	715435	735387	AZ4	16020	5	265m SE	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. Unlikely to be disturbed by construction or operational activities given distance from Works Area.	Minor	Unlikely	Negligible	Unlikely	Negligible
C108	Rotunda Hospital (1906-present)	715626	735045	AZ4 - O'Connell Street	16380	0	15m NW	Moderate area, current potential source. Potential for pollution from activities such as fuel / material storage and incinerators. 7 No. ground investigation locations located within site or 5m of site footprint. Made ground recorded up to 4.0mbgl, generally comprising clayey sandy gravel or sandy gravelly clay with ash, brick, ceramic and/or concrete. No obvious evidence of discolouration, unusual odours or oil sheens. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C109	Print Works 1936	715791	735110	AZ4 - O'Connell Street	16400	105	150m NE	Small area, historical potential source. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C110	Printing Works 1888-1913	715836	735011	AZ4 - O'Connell Street	16500	120	105m NE	Small area, historical potential source. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
C111	Soap Works 1906, Saw Mill 1936	715402	734838	AZ4 - O'Connell Street	16580	295	210m W	Small area, historical potential source. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C112	Graveyard (1864-present)	715870	734969	AZ4 - O'Connell Street	16600	125	110m ENE	Small area, low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C113	Alexandra Envelope Works 1906-1936	715558	734696	AZ4 - O'Connell Street	16760	190	125m WSW	Small area, historical potential source with low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Minor	Unlikely	Negligible	Unlikely	Negligible
C114	Clothing Factory 1936	715549	734509	AZ4 - O'Connell Street	16820	285	245m SW	Small area, historical potential source with low pollution potential. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Minor	Unlikely	Negligible	Unlikely	Negligible
C115	Brass Foundry 1888-1909	715714	734547	AZ4 - O'Connell Street	16860	130	130m SSW	Small area, historical potential source. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C116	Printing Works 1936	715754	734483	AZ4 - O'Connell Street	16920	140	200m S	Small area, historical potential source. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C117	Saw Mills 1888-1913	716182	734672	AZ4 - Tara	17160	150	210m NNW	Small area, historical potential source. 1 No. ground investigation location. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C118	Printing Works 1936	715977	734284	AZ4 - Tara	17180	200	170m W	Small area, historical potential source. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C119	Oil-filled Cable Leak 20 (Bedford Row – Sheriff Street 38kV) – 4171l Linear Alkyl Benzene / Mineral Oil mix	716116	734446	AZ4 - Tara	17220	0	50m NW	Small area, known pollution event though exact location unclear. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Medium	Unlikely	Low	Unlikely	Low
C120	Gas testing station 1888-1906	716181	734267	AZ4 - Tara	17420	85	0m	Small area, low potential for pollution from this historic source, area has since been redeveloped. Not specifically targeted by GI within 5m of location footprint. Nearby GI locations show residential GAC exceedances for PAHs, arsenic, mercury and lead, however, these may not be specifically associated with this source. Within Works Area boundary for Tara Station so likely to be disturbed during construction.	Mild	Likely	Moderate / Low	Unlikely	Negligible
C121	Hospital 1888-1913	716233	734305	AZ4 - Tara	17420	0	0m	Small area, low potential for pollution from this historic source, area has since been redeveloped. Not specifically targeted by GI within 5m of location footprint. Nearby GI locations show GAC	Mild	Likely	Moderate/low	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
								exceedances for PAHs, arsenic, mercury and lead, however, these may not be specifically associated with this source. Within Works Area boundary for Tara Station so likely to be disturbed during construction.					
C121A	Tile works (1938)			AZ4 - Tara	17420	50	20m E	Small area, historic source and area has since been redeveloped, likely to have a low contamination potential. Not specifically targeted by GI within 5 m of location. Outside Works Area boundary and unlikely to be directly affected by construction or operation.	Mild	Unlikely	Negligible	Unlikely	Negligible
C121B	Foundry (unknown)			AZ4 - Tara	17420	60	50m E	Anecdotal evidence suggests presence of an historical foundary to the east of Tara Station. Location not specifically targeted by GI. Area has since been redeveloped. Outside Works Area boundary and unlikely to be directly affected by construction or operation.	Mild	Unlikely	Negligible	Unlikely	Negligible
C122	Coal Yard 1888-1913	716547	734361	AZ4 - Tara	17560	230	210m ENE	Small area, historical potential source. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C123	Church/graveyard 1888-present	716469	734145	AZ4 - Tara	17660	60	140m SE	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Minor	Unlikely	Negligible	Unlikely	Negligible
C124	Electricity Substation (2008-present)	716489	733710	AZ4	18000	170	420m NE	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Minor	Unlikely	Negligible	Unlikely	Negligible
C125	Grave Yard (1888-1913)	716014	733689	AZ4	18240	205	260m NW	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Minor	Unlikely	Negligible	Unlikely	Negligible
C126	French Burial Ground (1888-present)	716222	733468	AZ4 - St Stephens Green	18320	40	50m NE	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Minor	Unlikely	Negligible	Unlikely	Negligible
C127	Historic Tank (1937)	716220	733300	AZ4 - St Stephens Green	18480	115	60m S	Small area, historic source with low potential for pollution. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Minor	Unlikely	Negligible	Unlikely	Negligible
C128	St Vincent's Hospital (1906-2008)	716145	733211	AZ4 - St Stephens Green	18580	35	5m SE	Moderate area, now redeveloped, could be some minor historic pollution potential from activities such as fuel / material storage and incinerators. Not specifically targeted by GI within 5m of location footprint. Near eastern edge of St Stephens Green station Works Area, direct disturbance of ground during construction considered unlikely.	Mild	Unlikely	Negligible	Unlikely	Negligible
C129	Engine Shed 1888-1913	715919	732666	AZ4 - Charlemont	19200	110	120m NW	Small area, historic potential for leaks / spills from engine maintenance activities. Not specifically targeted by GI within 5m of location footprint.	Mild	Unlikely	Negligible	Unlikely	Negligible

Source No.	Description	Easting	Northing	Section	Nearest Chainage	Distance from Centreline (m)	Distance / Direction from Works Boundary	Information and assessment Summary	Severity	Construction Likelihood	Construction Risk	Operation Likelihood	Operation Risk
								At distance from Works Area so direct disturbance during construction or operation activities unlikely.					
C130	Oil-filled Cable Leak 9 (Inchicore – Poolbeg Two 220kV) – 3989l Linear Alkyl Benzene	716082	732619	AZ4 - Charlemont	19240	5	20m NE	Small area, known pollution event though exact location unclear. Not specifically targeted by GI within 5m of location footprint. Close to northern boundary Works Area, albeit on opposite side of the Royal canal from Charlemont Station, so unlikely to be affected by direct disturbance, however, potential remains for hydrocarbon migration.	Medium	Low Likelihood	Moderate / Low	Unlikely	Low
C131	Railway (1888-present)	715962	732543	AZ4 - Charlemont	19460	0	Within	Moderate to large area, current/historic source. 11 No. ground investigation locations located within site or 5m of site footprint. Made ground recorded up to 7mbgl generally comprising gravelly and/or silty clay with ash, glass, pottery and brick. No obvious evidence of discolouration, unusual odours or oil sheens. Exceedances of soil GAC (mainly residential) for metals, PAHs and. Groundwater assessment criteria exceeded for metals and inorganics. Disturbance of ground likely during construction activities for Charlemont station.	Medium	Likely	Moderate	Unlikely	Low
C132	Orphanage 1888	716269	732364	AZ4 - Charlemont	19500	145	110m SE	Small area, low potential for pollution. Not specifically targeted by GI within 5m of location footprint. At distance from Works Area so direct disturbance during construction or operation activities unlikely.	Minor	Unlikely	Negligible	Unlikely	Negligible
N/A	Urban made ground	N/A	N/A	Whole alignment	N/A	N/A	N/A	Made ground and fill material that can't be linked to specific current or historical land use is present throughout much of the urbanised areas including Swords, suburban Dublin, and, particularly Dublin City Centre and the stations within AZ4. Screening of soil chemical analysis data from the available ground investigation data showed exceedances GAC (mainly residential, with a few commercial exceedances) for metals (largely chromium, lead, arsenic and mercury), PAHs and aromatic hydrocarbons. Groundwater assessment criteria exceeded for metallic, inorganic and organic contaminants. This is an overall classification and made ground is discussed in more detail on a location by location basis in the main body of the Report.	Medium	Likely	Moderate	Unlikely	Negligible

Appendix E. Soil Chemical Data

Table D1 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY P&R <250	ESTUARY P&R <250	BROAD MEADOW VIADUCT	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN
					Sample Date	12/06/2007	20/06/2007	21/06/2007	04/06/2019	04/06/2019	10/06/2019	11/06/2019	18/09/2019	07/05/2021	07/05/2021	07/05/2021	07/05/2021	20/06/2007	07/09/2007	28/08/2007	09/07/2007	12/07/2007	18/07/2007	25/07/2007	16/08/2007	17/08/2007	22/08/2007	28/08/2007	04/09/2007
					Location	BH101	TP122	TP124	NBH71	NBH72	NTP03	NTP02	NBH201	ATP01B	ATP01B	ATP02B	ATP02B	TP120	TP119	TP126	RC108	RC104	RC111	BH103	TP131	TP129	TP136	TP128	TP135
					Top Depth (m)	0.6	0.5	0.5	1	0.5	0.5	0.8	0.5	0.5	1.5	0.5	1.5	1	1	1	0.4	0.5	0.9	0.6	1	0.4	0.4	0.4	0.5
					Base Depth (m)	0.6	0.5	0.5	1	0.5	0.5	0.8	0.5					1	1	1	0.5	0.5	1.1	0.6	1	0.4	0.4	0.4	0.5
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Identification.					%				No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected																
Total Asbestos					%																								
Moisture					%	17.4	12.3	15.4	12	16	14	15	16					7.8	11.1	15.7	11.6	15.2	12	13.5	7.6	2.1	12.3	15.2	14.4
pH					pH UNITS			8.18	8.9	10.6	8.5	8.4	7.8	9	9	8.2	8.3		8.22	8.18								7.95	
Total Organic Matter					%				0.74	1.5	0.79	0.45	0.74																
Total Organic Carbon					%					0.96		0.41		0.42	0.33	0.31	0.31												
Undried Mass of Test Portion					g					210		206																	
Free Cyanides					mg/kg																								
Cyanide (Total)					mg/kg			< 2.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5						< 2.5	< 2.5								< 2.5	
Loss on ignition					%					3.7		1.6		2.3	2.1	2.8	2.5												
Sulphate (2:1 Water Soluble) as SO4					g/l				< 0.01	< 0.01	< 0.01	0.016	0.025																
Sulphate Aquesous Extract as SO4					mg/kg			220											100	570								1200	
Sulphide					mg/kg			< 5											< 5	< 5								< 5	
Total Sulphur					%			< 0.2											< 0.2	< 0.2					< 0.2		< 0.2	< 0.2	< 0.2
Antimony			7500	EIC	mg/kg				2.7	2.4	2.2	< 0.01	< 0.1	2.7	2.5	2	2												
Arsenic	37	C4SL	640	C4SL	mg/kg	8	10	< 0.5	34	21	16	5.8	13	18	18	14	15	13	20	< 0.5	8	8	11	12	17		< 0.5	< 0.5	< 0.5
Barium			22000	EIC	mg/kg									73	88	130	110												
Boron (Water soluble)					mg/kg	< 1	< 1	< 1										< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	1	< 1
Cadmium	22	C4SL	410	C4SL	mg/kg	1	2	2	2.8	2.1	1.5	0.45	1.1	1.8	1.5	1.8	1.9	2	1	1	1	1	1	1	1		1	1	2
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg									< 0.5	< 0.5	< 0.5	< 0.5												
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg									16	17	28	23												
Chromium	910	S4UL	8600	S4UL	mg/kg	27	27	20	18	43	22	14	21					12	22	26	23	25	16	25	17		22	20	26
Copper	2400	S4UL	68000	S4UL	mg/kg	17	27	27	24	34	28	9	22	37	33	29	27	25	67	21	28	26	27	29	15		22	19	31
Lead	200	C4SL	2300	C4SL	mg/kg	32	38	22	37	33	28	18	25	18	23	21	IO#	27	83	21	41	41	20	25	17		33	35	44
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.3	< 0.3	< 0.3	0.15	0.52	< 0	< 0	< 0.5	0.14	0.08	0.09	0.07	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3		< 0.3	< 0.3	< 0.3
Molybdenum			17000	EIC	mg/kg				4.1	3.4	3.5	< 0.05	2.5	4	4.4	2.6	2.9												
Nickel	130	S4UL	980	S4UL	mg/kg	30	32	38	39	54	42	17	31	47	47	55	51	26	36	36	33	35	35	39	37		36	29	43
Selenium	250	S4UL	12000	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	0.3	0.86	0.76	0.22	0.46	1	1.2	0.78	0.83	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Vanadium	410	S4UL	9000	S4UL	mg/kg	63	67	38	26	32	30	17	28					34	34	48	53	58	43	58	36		40	38	49
Zinc	3700	S4UL	730000	S4UL	mg/kg	119	147	80	100	97	77	45	71	60	66	82	76	99	179	82	104	114	76	84	119		83	114	107
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.01			
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.01			
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.01			
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.01			
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.1			
Aliphatic TPH >C16-C21					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.1			
Aliphatic TPH >C21-C35					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.1			
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
Total Aliphatic Hydrocarbons					mg/kg				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5									< 0.1			
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
Aromatic TPH >C6-C7					mg/kg																					< 0.01			
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.01			
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.01			
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.1			
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.1			
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.1			
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1									< 0.1			
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
Total Aromatic Hydrocarbons					mg/kg				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5									< 0.1			
Total Petroleum Hydrocarbons					mg/kg				< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10									< 0.1			
C10-C20					mg/kg			< 1											< 1	< 1					< 1			< 1	
EPH >C10-C12					mg/kg			< 0.01											< 0.01	< 0.01					< 0.01			< 0.01	
TPH >C10-40					mg/kg					< 10		< 10																	
Diesel Range Organics					mg/kg																								
PRO					mg/kg																					< 0.01			
Acenaphthene	210	S4UL	84000	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.039	
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.019	
Anthracene	2400	S4UL	520000	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.035	
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.174	
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.183	
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05												
benzo(b,k)fluoranthene					mg/kg			< 0.001											< 0.001	< 0.001					< 0.001			0.388	
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.016	
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05												
Chrysene	15	S4UL	350	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.2	
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.049	
Fluoranthene	280	S4UL	23000	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	0.28	0.25	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.334	
Fluorene	170	S4UL	63000	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.017	
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.1	
Naphthalene	2.3	S4UL	190	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.012	
Phenanthrene	95	S4UL	22000	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	< 0.01	0.15	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.096	
Pyrene	620	S4UL	54000	S4UL	mg/kg			< 0.001	< 0.5	< 0.5	< 0.5	< 0.5	0.41	0.18	< 0.05	< 0.05	< 0.05		< 0.001	< 0.001					< 0.001			0.304	
PAH, Total Detected USEPA 16					mg/kg			< 0.001	< 2	< 2	< 2	< 2	0.69						< 0.001	< 0.001					< 0.001			19.66	
Coronene					mg/kg									< 0.01	< 0.01	< 0.01	< 0.01												
Total Of 17 PAH's					mg/kg			< 0.001	< 2	< 2	< 2	< 2	0.69	0.58	< 0.2	< 0.2	< 0.2		< 0.001	< 0.001					< 0.001			19.66	
Benzene	0.2	C4SL	27	C4SL	mg/kg			< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.01	< 0.01					< 0.01	< 0.01		< 0.01	
Toluene	130	S4UL	56000	S4UL	mg/kg			< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.01	< 0.01					< 0.01	< 0.01		< 0.01	
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg			< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.01	< 0.01					< 0.01	< 0.01		< 0.01	
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
o-Xylene	60	S4UL	6600	S4UL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Xylenes, Total					mg/kg			< 0.01											< 0.01	< 0.01					< 0.01	< 0.01		< 0.01	
Total BTEX					mg/kg					< 0.01		< 0.01																	
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg				< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002												
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
1,1-Dichloropropene					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg				< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002												
1,2,3-Trichloropropane					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05												
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
1,2-Dibromo-3-Chloropropane					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05												
1,2-Dibromoethane					mg/kg				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005												
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg				< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002												
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
1,3,5-Trimethylbenzene					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
1,3-Dichloropropane					mg/kg				< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002												
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2-Chlorotoluene					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
4-Chlorotoluene					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
4-Isopropyltoluene					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Bromobenzene	0.87	EIC	97	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Bromochloromethane					mg/kg				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005												
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005												
Bromomethane					mg/kg				< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02												
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Chloroethane	8.3	EIC	960	EIC	mg/kg				< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002												
Chloromethane	0.0083	EIC	1	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001												
cis-1,3-Dichloropropene					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
Dibromochloromethane					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
Dibromomethane					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Dichlorodifluoromethane					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Isopropylbenzene	11	EIC	1400	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg			< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.01	< 0.01					< 0.01			< 0.01	
N-Butylbenzene					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
N-Propylbenzene	34	EIC	4100	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Sec-Butylbenzene					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Styrene	8.1	EIC	3300	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Tert-Butylbenzene					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Trans-1,3-Dichloropropene					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
Tribromomethane	2.8	EIC	760	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Trichlorofluoromethane					mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001												
VOC TIC					mg/kg									< 0	< 0	< 0	< 0												

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

						Works Area	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY P&R +250	ESTUARY P&R +250	BROAD MEADOW - VIADUCT	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN
						Sample Date	12/06/2007	20/06/2007	21/06/2007	04/06/2019	04/06/2019	10/06/2019	11/06/2019	18/09/2019	07/05/2021	07/05/2021	07/05/2021	07/05/2021	07/05/2021	20/06/2007	07/09/2007	28/08/2007	09/07/2007	12/07/2007	18/07/2007	25/07/2007	16/08/2007	17/08/2007	22/08/2007	28/08/2007	04/09/2007
						Location	BH101	TP122	TP124	NBH71	NBH72	NTP03	NTP02	NBH201	ATP01B	ATP01B	ATP02B	ATP02B	ATP02B	TP120	TP119	TP126	RC108	RC104	RC111	BH103	TP131	TP129	TP136	TP128	TP135
						Top Depth (m)	0.6	0.5	0.5	1	0.5	0.5	0.8	0.5	0.5	1.5	0.5	1.5	1.5	1	1	1	0.5	0.5	1.1	0.6	1	0.4	0.4	0.4	0.5
						Base Depth (m)	0.6	0.5	0.5	1	0.5	0.5	0.8	0.5	0.5	1.5	0.5	1.5	1.5	1	1	1	0.5	0.5	1.1	0.6	1	0.4	0.4	0.4	0.5
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2-Methylnaphthalene					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2-Nitroaniline					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
3-Nitroaniline					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
4-Bromophenylphenyl Ether					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
4-Chloroaniline					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
4-Chlorophenylphenylether					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
4-Nitroaniline					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Azobenzene					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Bis(2-Chloroethoxy)Methane					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Bis-(2-Chloroethyl)Ether					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Bis(2-Chloroisopropyl)Ether					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Carbazole					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Dibenzofuran					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Dimethylphthalate					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Hexachlorocyclopentadiene					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Hexachloroethane	0.2	EIC	22	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Isophorone					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Nitrobenzene					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
N-Nitrosodimethylamine					mg/kg										< 0.05	< 0.05	< 0.05	< 0.05												
N-Nitrosodi-N-propylamine					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
SVOC TIC					mg/kg										< 0	< 0	< 0	< 0												
2,4,5-Trichlorophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2,4,6-Trichlorophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2,4-Dichlorophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2-Chlorophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2-Methylphenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2-Nitrophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
4-Chloro-3-Methylphenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
4-Methylphenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
4-Nitrophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Phenol	120	S4UL	440	S4UL	mg/kg				< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01				< 0.01			< 0.01		
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
2-Methyl-4,6-Dinitrophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05												
Propylene Glycol					mg/kg				< 10											< 10										
Ethylene Glycol					mg/kg				< 10											< 10										
Diethylene Glycol					mg/kg				< 10											< 10										
Triethylene Glycol					mg/kg																									
1,2-propylene glycol					mg/kg																									
1,3-propylene glycol					mg/kg																									
1,2-butanediol					mg/kg																									
1,3-butanediol					mg/kg																									
1,4-Butanediol					mg/kg																									
1,5-pentanediol					mg/kg																									
Methanol					mg/kg				< 1											< 1	< 1							< 1		
Ethanol					mg/kg				< 1											< 1	< 1							< 1		
Isopropyl Alcohol					mg/kg				< 1											< 1	< 1							< 1		
n-Propanol					mg/kg				< 1											< 1	< 1							< 1		
n- Butyl Alcohol					mg/kg				< 1											< 1	< 1							< 1		
n-Pentyl Alcohol					mg/kg				< 1											< 1	< 1							< 1		
n-Hexyl alcohol					mg/kg				< 1											< 1	< 1							< 1		
n-Heptyl alcohol					mg/kg				< 1											< 1	< 1							< 1		
METHYL ACETATE					mg/kg				< 1											< 1	< 1							< 1		
Ethyl acetate					mg/kg				< 1											< 1	< 1							< 1		
n-Propyl acetate					mg/kg				< 1											< 1	< 1							< 1		
n-Propyl acetate					mg/kg				< 1											< 1	< 1							< 1		
n-Butyl Acetate					mg/kg				< 1											< 1	< 1							< 1		
PCB 28 (Trichlorobiphenyl)					mg/kg										< 0.01	< 0.01	< 0.01	< 0.01												
PCB 52 (Tetrachlorobiphenyl)					mg/kg										< 0.01	< 0.01	< 0.01	< 0.01												
PCB 101 (Pentachlorobiphenyl)					mg/kg										< 0.01	< 0.01	< 0.01	< 0.01												
PCB 118					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 118					ng/kg																									
PCB 138 (Hexachlorobiphenyl)					mg/kg										< 0.01	< 0.01	< 0.01	< 0.01												
PCB 153 (Hexachlorobiphenyl)					mg/kg										< 0.01	< 0.01	< 0.01	< 0.01												
PCB 180 (Heptachlorobiphenyl)					mg/kg										< 0.01	< 0.01	< 0.01	< 0.01												
Pcb, Total Of 7 Congeners					mg/kg						< 0.1		< 0.1		< 0.1	< 0.1	< 0.1	< 0.1												
PCB 77					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 77					ng/kg																									
PCB 81					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 81					ng/kg																									
PCB 105					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 105					ng/kg																									
PCB 114					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 114					ng/kg																									
PCB 123					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 123					ng/kg																									
PCB 126					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 126					ng/kg																									
PCB 156					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 156					ng/kg																									
PCB 157					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 157					ng/kg																									
PCB 167					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 167					ng/kg																									
PCB 169					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 169					ng/kg																									
PCB 189					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
PCB 189					ng/kg																									
Total PCBs (12 Congeners)					mg/kg					< 0.12	< 0.12	< 0.12	< 0.12	< 0.12																
Aldrin	5.7	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Beta-Bhc	0.085	S4UL	65	S4UL	mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Delta-Bhc					mg/kg																									
Alpha-Chlordane					mg/kg																									
Gamma-Chlordane					mg/kg																									
Dieldrin	0.97	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Endosulfan Sulfate					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Endosulfan II	7	S4UL	6300	S4UL	mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Endrin					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Endrin Aldehyde					mg/kg																									
Endrin Ketone					mg/kg																									
gamma-BHC (Lindane)					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4,4'-DDD					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4,4'-DDE					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4,4'-DDT					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
p,p'-Methoxychlor					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Guthion (Azinphos-methyl)					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Coumaphos					mg/kg																									
Demeton-S					mg/kg																									
Diazinon					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
DISULFOTON					mg/kg																									
Ethion					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Fenitrothion					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Fensulfothion					mg/kg																									
Fenthion					mg/kg																									
Heptachlor					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Heptachlor Epoxide					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Malathion					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methoxychlor					mg/kg																									
PARATHION, METHYL					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mevinphos					mg/kg	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
PHORATE					mg/kg																									
Sulprofos					mg/kg																									
Tokuthion					mg/kg																									
Trichloronate					mg/kg																									
2,4-Dichlorophenoxyacetic acid					mg/kg																									
2,4-DP (DICHLOROPROP)					mg/kg																									
2,4,5-T					mg/kg																									
Ametryn					mg/kg																									
Atraton					mg/kg																									
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																									
Chlortoluron					mg/kg																									
Diuron					mg/kg																									
Isoproturon					mg/kg																									
Linuron					mg/kg																									
MCPA					mg/kg																									
MCPB					mg/kg																									
MCPP (MECOPROP)					mg/kg																									
Methabenzthiazuron					mg/kg																									
Monuron					mg/kg																									
Prometon					mg/kg																									
Prometryne					mg/kg																									
Propazine					mg/kg																									
Secbumeton					mg/kg																									
Simazine					mg/kg																									
Simetryn					mg/kg																									
Terbuthylazine					mg/kg																									
Terbutryn					mg/kg																									

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN
					Sample Date	09/10/2007	10/10/2007	10/10/2007	10/10/2007	14/01/2019	14/01/2019	16/01/2020	16/01/2020	16/01/2020	16/01/2020	28/01/2020	28/01/2020	28/01/2020	03/02/2020	03/02/2020	03/02/2020	03/02/2020	28/02/2020	28/02/2020	01/12/2020	01/12/2020	01/12/2020	02/12/2020	02/12/2020
					Location	TP133	TP133A	TP133A	TP134	NBH408	NBH408	NBH406	NBH406	NBH407	NBH407	NBH401	NBH402	NBH402	NBH403	NBH403	NBH404	NBH404	NBH403	NBH404	ATP06B	ATP06B	ATP06B	ATP03A	ATP03A
					Top Depth (m)	1.1	0.4	2	1	0.5	1	0.5	1	0.5	1	0.5	0.5	1	0.5	1	0.5	1	7.3	5.1	0.5	1.5	3.5	0.5	1.5
					Base Depth (m)	1.2	0.5	2.1	1	0.5	1	0.5	1	0.5	1	0.5	0.5	1	0.5	1	0.5	1	7.3	5.1					
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																				No result	No result			
Asbestos Identification.					%					No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No result	No result		No result	
Total Asbestos					%																				No result	No result			
Moisture					%	24.7	13.2	12.1	14.3	8.9	10	19	12	17	11	12	9.5	9.4	15	7.2	7	8	2	4.4					
pH					pH UNITS					11.6	9.7	8.3	8.7	8.2	8.6	8.6	8.4	8.5	8.4	8.5	8.4	8.4	9	8.9	8.7	8.5	8.7	8.2	8.5
Total Organic Matter					%					0.91	0.95	1.7	0.97	2.2	0.74	3.3	2.6	1.5	2.2	0.88	1.3	1.1	1.9	1.1					
Total Organic Carbon					%																				0.63	< 0.2	0.39	1.4	0.7
Undried Mass of Test Portion					g																								
Free Cyanides					mg/kg																								
Cyanide (Total)					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5	< 0.5					
Loss on ignition					%																				2.5	2.7	1.7	4.5	2
Sulphate (2:1 Water Soluble) as SO4					g/l						0.037		< 0.01		< 0.01	< 0.01				< 0.01		< 0.01		< 0.01					
Sulphate Aquesous Extract as SO4					mg/kg																								
Sulphide					mg/kg																								
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg					2.7	< 0.1	2.5	< 0.1	2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 2	< 2	< 2	< 2	2.4
Arsenic	**37**	C4SL	640	C4SL	mg/kg	13	15	11	10	18	17	21	20	19	19	18	19	21	17	31	30	**38**	22	26	17	12	27	16	24
Barium			22000	EIC	mg/kg																				75	71	120	120	77
Boron (Water soluble)					mg/kg	< 1	< 1	< 1	< 1																				
Cadmium	22	C4SL	410	C4SL	mg/kg	1	1	1	2	1.3	1.4	2.2	1.5	1.9	1.7	1.7	1.7	1.8	1.5	1.4	1.3	1.7	0.38	0.74	1.5	0.43	1.2	1.2	1.8
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg																				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg																				17	37	25	16	19
Chromium	910	S4UL	8600	S4UL	mg/kg	20	20	20	22	23	16	24	13	24	16	18	17	21	22	26	19	27	17	15					
Copper	2400	S4UL	68000	S4UL	mg/kg	38	29	21	35	62	24	40	24	36	25	23	21	21	19	25	21	28	18	17	29	24	18	20	24
Lead	200	C4SL	2300	C4SL	mg/kg	52	32	26	25	27	17	35	16	44	18	58	43	30	27	20	22	26	27	23	23	16	13	27	26
Mercury	**1.2**	S4UL	58	S4UL	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	0.12	< 0.5	0.1	< 0.5	0.11	< 0.5	0.1	0.11	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.2	0.08	0.05	< 0.05	< 0.05	0.08
Molybdenum			17000	EIC	mg/kg					15	4.1	6.8	5.9	5.8	5.5	2.4	2.2	2.6	2.2	4.3	2.5	6.3	< 0.5	2.4	4.4	2	2.9	2.3	4.3
Nickel	130	S4UL	980	S4UL	mg/kg	29	41	33	46	42	46	72	43	59	47	35	34	42	36	51	38	55	41	28	42	51	42	32	36
Selenium	250	S4UL	12000	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	0.54	1.8	1.3	0.55	1.4	0.97	0.45	0.41	0.57	0.36	0.82	0.29	0.54	0.62	< 0.2	0.57	< 0.2	0.53	0.62	0.59
Vanadium	410	S4UL	9000	S4UL	mg/kg	55	51	51	56	22	25	51	23	40	27	47	45	48	29	32	24	34	11	15					
Zinc	3700	S4UL	730000	S4UL	mg/kg	117	86	89	105	120	54	85	48	98	57	90	75	78	85	74	88	86	57	35	63	62	47	78	68
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg					< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
C10-C20					mg/kg																								
EPH >C10-C12					mg/kg																								
TPH >C10-40					mg/kg																								
Diesel Range Organics					mg/kg																								
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	2400	S4UL	520000	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	0.05	0.063
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.098	< 0.05	< 0.05	0.14	< 0.05
Benzo[a]pyrene	**5**	C4SL	77	C4SL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.083	< 0.05	< 0.05	0.18	< 0.05
Benzo[b]fluoranthene	**2.6**	S4UL	44	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.14	< 0.05	< 0.05	0.21	< 0.05
benzo(b,k)fluoranthene					mg/kg																								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.063	< 0.05	< 0.05	0.13	< 0.05
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.062	< 0.05	< 0.05	0.1	< 0.05
Chrysene	15	S4UL	350	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.11	< 0.05	< 0.05	0.13	< 0.05
Dibenz(a,h)Anthracene	**0.24**	S4UL	3.5	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	280	S4UL	23000	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.32	< 0.01	< 0.01	0.55	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.23	< 0.05	< 0.05	0.21	0.12
Fluorene	170	S4UL	63000	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.069	< 0.05	< 0.05	0.16	< 0.05
Naphthalene	2.3	S4UL	190	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	95	S4UL	22000	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	0.098	0.096
Pyrene	620	S4UL	54000	S4UL	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.31	< 0.01	< 0.01	0.38	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.19	< 0.05	< 0.05	0.18	0.093
PAH, Total Detected USEPA 16					mg/kg					< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.63	< 0.2	< 0.2	0.93	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Coronene					mg/kg																				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's					mg/kg					< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.63	< 0.2	< 0.2	0.93	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.42	< 0.2	< 0.2	1.6	0.37
Benzene	0.2	C4SL	27	C4SL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.024	0.0061	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg																								
Total BTEX					mg/kg																								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	**0.0071**	S4UL	0.67	S4UL	mg/kg					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	**0.4**	S4UL	30	S4UL	mg/kg					**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane					mg/kg					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg					< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg																				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	11	EIC	1400	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0039	0.0036	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg																								

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN
					Sample Date	09/10/2007	10/10/2007	10/10/2007	10/10/2007	14/01/2019	14/01/2019	16/01/2020	16/01/2020	16/01/2020	16/01/2020	28/01/2020	28/01/2020	28/01/2020	03/02/2020	03/02/2020	03/02/2020	03/02/2020	28/02/2020	28/02/2020	01/12/2020	01/12/2020	01/12/2020	02/12/2020	02/12/2020
					Location	TP133	TP133A	TP133A	TP134	NBH408	NBH408	NBH406	NBH406	NBH407	NBH407	NBH401	NBH402	NBH402	NBH403	NBH403	NBH404	NBH404	NBH403	NBH404	ATP06B	ATP06B	ATP06B	ATP03A	ATP03A
					Top Depth (m)	1.1	0.4	2	1	0.5	1	0.5	1	0.5	1	0.5	0.5	1	0.5	1	0.5	1	7.3	5.1	0.5	1.5	3.5	0.5	1.5
					Base Depth (m)	1.2	0.5	2.1	1	0.5	1	0.5	1	0.5	1	0.5	0.5	1	0.5	1	0.5	1	7.3	5.1					
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroethoxy)Methane					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg					**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg					**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg																				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC					mg/kg																							< 0	< 0
2,4,5-Trichlorophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg					**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methyl-4,6-Dinitrophenol					mg/kg					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
1,2-propylene glycol					mg/kg																								
1,3-propylene glycol					mg/kg																								
1,2-butanediol					mg/kg																								
1,3-butanediol					mg/kg																								
1,4-Butanediol					mg/kg																								
1,5-pentanediol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
i-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg																				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg																				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg																				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg																				6.53	20.7	6.56		
PCB 138 (Hexachlorobiphenyl)					mg/kg																				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg																				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg																				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg																				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 77					ng/kg																				< 0.1	< 0.19	< 0.1		
PCB 81					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 81					ng/kg																				1.02	4.58	1.45		
PCB 105					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 105					ng/kg																				3.45	11.6	3.4		
PCB 114					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 114					ng/kg																				0.218	0.789	0.26		
PCB 123					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 123					ng/kg																				0.211	0.533	< 0.13		
PCB 126					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 126					ng/kg																				< 0.66	< 1.02	< 0.77		
PCB 156					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 156					ng/kg																				1.02	2.04	0.621		
PCB 157					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 157					ng/kg																				0.265	0.503	0.207		
PCB 167					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 167					ng/kg																				0.455	0.787	0.226		
PCB 169					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 169					ng/kg																				< 0.01	< 0.05	< 0.01		
PCB 189					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 189					ng/kg																				< 0.3	0.369	< 0.22		
Total PCBs (12 Congeners)					mg/kg					< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12					
Aldrin	5.7	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			**< 0.2**	**< 0.2**
Delta-Bhc					mg/kg																							< 0.2	< 0.2
Alpha-Chlordane					mg/kg																							< 0.2	< 0.2
Gamma-Chlordane					mg/kg																							< 0.2	< 0.2
Dieldrin	0.97	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Endosulfan Sulfate					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Endosulfan II	7	S4UL	6300	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Endrin					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Endrin Aldehyde					mg/kg																							< 0.2	< 0.2
Endrin Ketone					mg/kg																							< 0.2	< 0.2
gamma-BHC (Lindane)					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
4,4'-DDD					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
4,4'-DDE					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
4,4'-DDT					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
p,p'-Methoxychlor					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																				
Guthion (Azinphos-methyl)					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Coumaphos					mg/kg																							< 0.2	< 0.2
Demeton-S					mg/kg																							< 0.2	< 0.2
Diazinon					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																				
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																				
DISULFOTON					mg/kg																							< 0.2	< 0.2
Ethion					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																				
Fenitrothion					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																				
Fensulfothion					mg/kg																							< 0.2	< 0.2
Fenthion					mg/kg																							< 0.2	< 0.2
Heptachlor					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Heptachlor Epoxide					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																			< 0.2	< 0.2
Malathion					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																				
Methoxychlor					mg/kg																							< 0.2	< 0.2
PARATHION, METHYL					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																				
Mevinphos					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001																				
PHORATE					mg/kg																							< 0.2	< 0.2
Sulprofos					mg/kg																							< 0.2	< 0.2
Tokuthion					mg/kg																							< 0.2	< 0.2
Trichloronate					mg/kg																							< 0.2	< 0.2
2,4-Dichlorophenoxyacetic acid					mg/kg																							< 0.5	< 0.5
2,4-DP (DICHLOROPROP)					mg/kg																							< 0.5	< 0.5
2,4,5-T					mg/kg																							< 0.5	< 0.5
Ametryn					mg/kg																							< 0.2	< 0.2
Atraton					mg/kg																							< 0.2	< 0.2
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																							< 0.2	< 0.2
Chlortoluron					mg/kg																							< 1	< 1
Diuron					mg/kg																							< 1	< 1
Isoproturon					mg/kg																							< 1	< 1
Linuron					mg/kg																							< 1	< 1
MCPA					mg/kg																							< 0.5	< 0.5
MCPB					mg/kg																							< 0.5	< 0.5
MCPP (MECOPROP)					mg/kg																							< 0.5	< 0.5
Methabenzthiazuron					mg/kg																							< 1	< 1
Monuron					mg/kg																							< 1	< 1
Prometon					mg/kg																							< 0.2	< 0.2
Prometryne					mg/kg																							< 0.2	< 0.2
Propazine					mg/kg																							< 0.2	< 0.2
Secbumeton					mg/kg																							< 0.2	< 0.2
Simazine					mg/kg																							< 0.2	< 0.2
Simetryn					mg/kg																							< 0.2	< 0.2
Terbuthylazine					mg/kg																							< 0.2	< 0.2
Terbutryn					mg/kg																							< 0.2	< 0.2

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY-SEATWN <250	ESTUARY-SEATWN <250	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION
					Sample Date	02/12/2020	02/12/2020	02/12/2020	02/12/2020	11/03/2021	11/03/2021	11/03/2021	11/03/2021	12/03/2021	12/03/2021	05/02/2020	05/02/2020	11/03/2020	11/03/2020	23/02/2021	23/02/2021	25/02/2021	25/02/2021	25/02/2021	25/02/2021	02/03/2021	02/03/2021	02/03/2021	03/03/2021
					Location	ATP04	ATP04	ATP05	ATP05	ATP07	ATP07	ATP07	ATP07	ATP07	ATP07	NBH405	NBH405	ATP09B	ATP09C	ABH01	ABH02	ABH01	ABH01	ABH02	ABH02	ABH01	ABH01	ABH01	ABH02
					Top Depth (m)	0.5	1.5	0.5	2.5	0.5	1	1.2	2	4.1	11	0.5	1	0.8	1.4	1	0.3	2	4	2	4	5	7.6	14	5
					Base Depth (m)											0.5	1												
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Identification.					%	No result	No result	No result	No result	No result	No result	No result	No result			No Asbestos Detected	No Asbestos Detected	No result	No result	No result	No result								
Total Asbestos					%																								
Moisture					%											17	13												
pH					pH UNITS	8.6	8.2	8.3	8.6	9.2	9	9	8.9	8.9	8.7	8	8.1	8.8	8.6	8.8	8.7	8.8	8.7	8.8	8.6	8.7	8.6	8.9	8.6
Total Organic Matter					%											4	2.9												
Total Organic Carbon					%	0.23	1.1	1.6	0.73	0.6	< 0.2	< 0.2	< 0.2	0.86	2.9			0.34	0.31	0.32	1	< 0.2	0.52	< 0.2	0.4	0.49	0.55	< 0.2	0.54
Undried Mass of Test Portion					g																								
Free Cyanides					mg/kg																								
Cyanide (Total)					mg/kg											2.7	3.6												
Loss on ignition					%	1.3	3.9	5.5	2.6	1.9	1.6	9.1	2.4	1.8	1.6			2.9	3.2	2.1	4.2	2.7	2.4	2.3	2.8	2.5	3.2	1.9	2
Sulphate (2:1 Water Soluble) as SO4					g/l												0.037												
Sulphate Aquesous Extract as SO4					mg/kg																								
Sulphide					mg/kg																								
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg	< 2	2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	2.8	< 0.1	< 0.1	< 2	< 2	< 2	< 2	< 2	2.1	< 2	< 2	< 2	< 2	< 2	3.4
Arsenic	37	C4SL	640	C4SL	mg/kg	16	21	18	16	20	18	18	17	19	32	24	28	18	23	17	21	16	26	17	21	22	25	29	32
Barium			22000	EIC	mg/kg	49	120	180	73	70	130	78	120	30	< 10			88	100	92	95	87	58	98	38	64	74	20	63
Boron (Water soluble)					mg/kg																								
Cadmium	22	C4SL	410	C4SL	mg/kg	0.38	1.1	2	1.4	0.7	0.76	0.4	0.3	0.42	0.17	1.4	1.4	1	0.92	0.72	0.85	0.58	1.1	0.45	0.98	0.72	0.6	0.33	1.6
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	4.7	21	22	24	20	27	28	38	9.8	3.1			27	35	29	19	38	25	39	21	18	14	5.3	29
Chromium	910	S4UL	8600	S4UL	mg/kg											26	24												
Copper	2400	S4UL	68000	S4UL	mg/kg	7.3	23	23	19	34	26	30	26	26	110	32	27	26	27	21	22	26	32	28	26	23	23	9.1	40
Lead	200	C4SL	2300	C4SL	mg/kg	11	26	33	22	18	37	17	20	19	12	130	61	25	29	22	34	22	24	19	19	19	23	30	32
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.05	0.07	0.08	0.05	0.1	0.11	0.07	< 0.05	0.16	0.14	0.15	0.14	0.14	0.14	< 0.05	0.06	0.05	0.06	< 0.05	0.05	< 0.05	< 0.05	< 0.05	0.08
Molybdenum			17000	EIC	mg/kg	< 2	3.5	2.7	2.4	2.3	2.1	< 2	< 2	< 2	< 2	3.4	2.8	2.5	2.1	< 2	< 2	< 2	3	< 2	2.6	< 2	< 2	< 2	5.8
Nickel	130	S4UL	980	S4UL	mg/kg	11	35	45	44	24	39	36	49	36	28	45	45	42	48	42	27	42	46	52	42	34	45	29	59
Selenium	250	S4UL	12000	S4UL	mg/kg	< 0.2	0.6	0.52	0.46	< 0.2	< 0.2	< 0.2	< 0.2	1.1	0.48	0.87	0.69	0.3	< 0.2	< 0.2	< 0.2	< 0.2	1.8	< 0.2	1.9	1.3	0.84	< 0.2	2.5
Vanadium	410	S4UL	9000	S4UL	mg/kg											33	32												
Zinc	3700	S4UL	730000	S4UL	mg/kg	44	71	110	93	59	71	45	59	28	12	120	88	57	64	57	61	54	66	59	77	46	100	62	86
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	78	25	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	78	31	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	2.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	110	72	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	18	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	110	93	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	190	120	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
C10-C20					mg/kg																								
EPH >C10-C12					mg/kg																								
TPH >C10-40					mg/kg																								
Diesel Range Organics					mg/kg																								
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.15	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.41
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.34	0.09	0.072	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.14
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05	0.11	< 0.05	< 0.05	< 0.05	1.1	< 0.01	0.32	< 0.05	< 0.05	< 0.05	0.26	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.24
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.15	< 0.05	0.079	< 0.05	< 0.05	< 0.05	1.1	< 0.01	0.39	< 0.05	< 0.05	< 0.05	0.16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.22
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05	0.071	< 0.05	< 0.05	< 0.05	0.94	< 0.01	0.52	< 0.05	< 0.05	< 0.05	0.25	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.27
benzo(b,k)fluoranthene					mg/kg																								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.51	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.94	< 0.01	0.25	< 0.05	< 0.05	< 0.05	0.097	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.057	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.37	< 0.01	0.16	< 0.05	< 0.05	< 0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.08
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.064	< 0.05	0.1	< 0.05	< 0.05	< 0.05	1.2	< 0.01	0.35	< 0.05	< 0.05	< 0.05	0.25	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.26
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.051	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.01	0.09	< 0.05	< 0.05	< 0.05	0.077	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.06
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	0.099	0.089	0.081	< 0.05	0.23	< 0.05	0.14	< 0.05	< 0.05	< 0.05	2	0.36	0.73	< 0.05	< 0.05	< 0.05	0.55	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.5
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.12	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.28
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.73	< 0.01	0.23	< 0.05	< 0.05	< 0.05	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.15
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.4
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	0.072	0.072	< 0.05	< 0.05	0.22	< 0.05	0.15	< 0.05	< 0.05	< 0.05	1.3	0.43	0.36	< 0.05	< 0.05	< 0.05	0.33	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.91
Pyrene	620	S4UL	54000	S4UL	mg/kg	0.069	0.071	0.074	< 0.05	0.21	< 0.05	0.13	< 0.05	< 0.05	< 0.05	1.7	0.5	0.75	< 0.05	< 0.05	< 0.05	0.48	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.48
PAH, Total Detected USEPA 16					mg/kg											12	1.4												
Coronene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's					mg/kg	0.29	0.26	< 0.2	< 0.2	1.9	< 0.2	0.84	< 0.2	< 0.2	< 0.2	12	1.4	4.2	< 0.2	< 0.2	< 0.2	2.9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	4.5
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg																								
Total BTEX					mg/kg																								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0013
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg					< 0	< 0	< 0	< 0	< 0	< 0			< 0	< 0			< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0

Table D1 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY-SEATWN <250	ESTUARY-SEATWN <250	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION
					Sample Date	02/12/2020	02/12/2020	02/12/2020	02/12/2020	11/03/2021	11/03/2021	11/03/2021	11/03/2021	12/03/2021	12/03/2021	05/02/2020	05/02/2020	11/03/2020	11/03/2020	23/02/2021	23/02/2021	25/02/2021	25/02/2021	25/02/2021	25/02/2021	02/03/2021	02/03/2021	02/03/2021	03/03/2021
					Location	ATP04	ATP04	ATP05	ATP05	ATP07	ATP07	ATP07	ATP07	ATP07	ATP07	NBH405	NBH405	ATP09B	ATP09C	ABH01	ABH02	ABH01	ABH01	ABH02	ABH02	ABH01	ABH01	ABH01	ABH02
					Top Depth (m)	0.5	1.5	0.5	2.5	0.5	1	1.2	2	4.1	11	0.5	1	0.8	1.4	1	0.3	2	4	2	4	5	7.6	14	5
					Base Depth (m)											0.5	1												
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC					mg/kg	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0			< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
2,4,5-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
1,2-propylene glycol					mg/kg																								
1,3-propylene glycol					mg/kg																								
1,2-butanediol					mg/kg																								
1,3-butanediol					mg/kg																								
1,4-Butanediol					mg/kg																								
1,5-pentanediol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
i-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg																								
PCB 138 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg											< 0.01	< 0.01												
PCB 77					ng/kg																								
PCB 81					mg/kg											< 0.01	< 0.01												
PCB 81					ng/kg																								
PCB 105					mg/kg											< 0.01	< 0.01												
PCB 105					ng/kg																								
PCB 114					mg/kg											< 0.01	< 0.01												
PCB 114					ng/kg																								
PCB 123					mg/kg											< 0.01	< 0.01												
PCB 123					ng/kg																								
PCB 126					mg/kg											< 0.01	< 0.01												
PCB 126					ng/kg																								
PCB 156					mg/kg											< 0.01	< 0.01												
PCB 156					ng/kg																								
PCB 157					mg/kg											< 0.01	< 0.01												
PCB 157					ng/kg																								
PCB 167					mg/kg											< 0.01	< 0.01												
PCB 167					ng/kg																								
PCB 169					mg/kg											< 0.01	< 0.01												
PCB 169					ng/kg																								
PCB 189					mg/kg											< 0.01	< 0.01												
PCB 189					ng/kg																								
Total PCBs (12 Congeners)					mg/kg											< 0.12	< 0.12												
Aldrin	5.7	S4UL	170	S4UL	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**																				
Delta-Bhc					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Alpha-Chlordane					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Gamma-Chlordane					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Dieldrin	0.97	S4UL	170	S4UL	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Endosulfan Sulfate					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Endosulfan II	7	S4UL	6300	S4UL	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Endrin					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Endrin Aldehyde					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Endrin Ketone					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
gamma-BHC (Lindane)					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
4,4'-DDD					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
4,4'-DDE					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
4,4'-DDT					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
p,p'-Methoxychlor					mg/kg																								
Guthion (Azinphos-methyl)					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Coumaphos					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Demeton-S					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Diazinon					mg/kg																								
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																								
DISULFOTON					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Ethion					mg/kg																								
Fenitrothion					mg/kg																								
Fensulfothion					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Fenthion					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Heptachlor					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Heptachlor Epoxide					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Malathion					mg/kg																								
Methoxychlor					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
PARATHION, METHYL					mg/kg																								
Mevinphos					mg/kg																								
PHORATE					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Sulprofos					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Tokuthion					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
Trichloronate					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2																				
2,4-Dichlorophenoxyacetic acid					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5											< 0.1	< 0.1								
2,4-DP (DICHLOROPROP)					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5											< 0.1	< 0.1								
2,4,5-T					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5											< 0.1	< 0.1								
Ametryn					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Atraton					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Atrazine	3.3	S4UL	9300	S4UL	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Chlortoluron					mg/kg	< 1	< 1	< 1	< 1											< 1	< 1			< 1					
Diuron					mg/kg	< 1	< 1	< 1	< 1											< 1	< 1			< 1					
Isoproturon					mg/kg	< 1	< 1	< 1	< 1											< 1	< 1			< 1					
Linuron					mg/kg	< 1	< 1	< 1	< 1											< 1	< 1			< 1					
MCPA					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5											< 0.1	< 0.1								
MCPB					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5											< 0.1	< 0.1								
MCPP (MECOPROP)					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5											< 0.1	< 0.1								
Methabenzthiazuron					mg/kg	< 1	< 1	< 1	< 1											< 1	< 1			< 1					
Monuron					mg/kg	< 1	< 1	< 1	< 1											< 1	< 1			< 1					
Prometon					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Prometryne					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Propazine					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Secbumeton					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Simazine					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Simetryn					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Terbuthylazine					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					
Terbutryn					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2											< 0.2	< 0.2			< 0.2					

Table D1 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATWN-SWORDS <250	SWORDS STATION	SWORDS STATION	SWORDS STATION
					Sample Date	03/03/2021	03/03/2021	03/03/2021	03/03/2021	16/07/2007	17/07/2007	24/07/2007	25/07/2007	08/10/2007	09/10/2007	11/03/2020	30/11/2020	30/11/2020	30/11/2020	30/11/2020	07/12/2020	07/12/2020	09/12/2020	09/12/2020	09/12/2020	03/09/2007	11/07/2007	06/09/2007	07/12/2020
					Location	ABH02	ABH02	ATP08	ATP08	RC114	RC129	RC127	TP141	TP139	TP140	ATP09D	ATP11	ATP11	ATP11	ATP12	ATP13	ATP13	ATP10	ATP10	ATP10	TP138	RC121	RC122	ATP14
					Top Depth (m)	7	12	0.5	1.5	1	0.5	1.2	0.1	0.5	1.1	1.3	0.5	2.5	4.5	1.5	0.5	2.5	0.5	1.5	2.5	0.6	1	1	0.5
					Base Depth (m)					1	0.5	1.2	0.1	0.6	1.2											0.6	1.1	1.1	
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Identification.					%			No result	No result	No Asbestos Detected		No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No result	No result	No result	No result	No result	No result		No result	No result					No result
Total Asbestos					%																								
Moisture					%					16.3	6.6	15	19.2	13.5	16.5											9.1	18	21.5	
pH					pH UNITS	8.6	8.7	8.6	8.5	7.98		8.19		8.13	8.09	8.5	8.5	8.3	8.4	8.7	8.6	8.7	8.1	8.7	8.7			7.65	8.7
Total Organic Matter					%																								
Total Organic Carbon					%	0.64	< 0.2	0.56	0.62							< 0.2	0.69	1	0.84	0.21	0.66	0.41	1.6	0.26	< 0.2				0.33
Undried Mass of Test Portion					g																								
Free Cyanides					mg/kg					< 2.5		< 2.5		< 2.5	< 2.5														
Cyanide (Total)					mg/kg																							< 2.5	
Loss on ignition					%	2.2	1.6	3.3	2.3							2.6	3.2	3	3.8	2.5	2.9	2	5.7	1.9	2.1				1.1
Sulphate (2:1 Water Soluble) as SO4					g/l																								
Sulphate Aquesous Extract as SO4					mg/kg					500		160		340	220													370	
Sulphide					mg/kg					< 5		< 5		6	< 5													6	
Total Sulphur					%								< 0.2													< 0.2		< 0.2	
Antimony			7500	EIC	mg/kg	10	4	2.6	2.2							6.1	3.6	2.8	2.1	2.5	< 2	< 2	< 2	< 2	< 2				< 2
Arsenic	37	C4SL	640	C4SL	mg/kg	33	38	19	20	14	12	14	< 0.5	12	11	15	19	20	16	24	12	20	19	11	18	< 0.5	9	< 0.5	20
Barium			22000	EIC	mg/kg	67	28	87	150							85	110	110	82	92	110	76	150	110	120				100
Boron (Water soluble)					mg/kg					< 1	< 1	< 1	< 1	< 1	< 1											< 1	< 1	< 1	
Cadmium	22	C4SL	410	C4SL	mg/kg	1.3	0.37	0.89	0.83	1	2	2	1	1	2	0.97	1.4	1.7	1.3	1.7	1.2	1.1	1.3	0.94	0.34	1	1	< 0.5	1.6
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	31	9.9	26	36							31	29	26	23	31	26	24	26	24	34				15
Chromium	910	S4UL	8600	S4UL	mg/kg					28	20	21	25	23	29											18	26	33	
Copper	2400	S4UL	68000	S4UL	mg/kg	39	13	24	29	28	29	33	27	25	35	25	31	39	29	43	19	29	41	25	22	14	32	14	24
Lead	200	C4SL	2300	C4SL	mg/kg	29	34	24	29	36	24	21	43	21	29	27	32	34	32	29	28	20	83	16	16	12	50	23	17
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.08	0.05	0.07	0.09	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.16	0.07	0.05	< 0.05	< 0.05	0.06	< 0.05	0.25	< 0.05	< 0.05	< 0.3	< 0.3	< 0.3	< 0.05
Molybdenum			17000	EIC	mg/kg	7.7	< 2	2.2	2.9							3.6	4.2	4.1	3.7	5.7	2.8	2.9	3.2	< 2	< 2				3.9
Nickel	130	S4UL	980	S4UL	mg/kg	66	29	39	50	42	46	48	37	38	58	45	50	51	42	68	34	59	39	39	43	22	36	23	38
Selenium	250	S4UL	12000	S4UL	mg/kg	2.7	0.43	0.38	0.41	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.28	0.69	0.89	0.76	0.78	0.49	0.35	0.94	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	0.26
Vanadium	410	S4UL	9000	S4UL	mg/kg					66	50	54	46	58	67											33	60	56	
Zinc	3700	S4UL	730000	S4UL	mg/kg	80	77	54	71	84	82	79	96	83	97	66	84	91	75	89	71	72	100	54	54	59	96	66	51
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	12	< 1				< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	13	< 1				< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	11	< 1				< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	32	< 1				< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5							< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	67	< 5				< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.4	< 1				< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	48	< 1				< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1				< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5							< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	49	< 5				< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10							< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	120	< 10				< 10
C10-C20					mg/kg																							< 1	
EPH >C10-C12					mg/kg																							< 0.01	
TPH >C10-40					mg/kg																								
Diesel Range Organics					mg/kg																								
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Anthracene	2400	S4UL	520000	S4UL	mg/kg	0.07	0.062	< 0.05	< 0.05							< 0.05	< 0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	0.072	< 0.01	< 0.05			< 0.001	< 0.05
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.05	0.13	< 0.05	< 0.05							< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.05	0.11	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.05	0.13	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05				< 0.05
benzo(b,k)fluoranthene					mg/kg																							< 0.001	
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.05	0.062	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.05	0.062	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05				< 0.05
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.05	0.13	< 0.05	< 0.05							< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	0.09	0.34	< 0.05	< 0.05							< 0.05	< 0.05	0.26	0.069	< 0.05	< 0.05	< 0.05	0.15	< 0.01	< 0.05			< 0.001	< 0.05
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.05	0.062	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.05			< 0.001	< 0.05
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	0.16	0.24	< 0.05	< 0.05							< 0.05	< 0.05	0.34	0.2	< 0.05	< 0.05	< 0.05	0.12	< 0.01	< 0.05			< 0.001	< 0.05
Pyrene	620	S4UL	54000	S4UL	mg/kg	0.09	0.27	< 0.05	< 0.05							< 0.05	< 0.05	0.23	0.055	< 0.05	< 0.05	< 0.05	0.14	< 0.01	< 0.05			< 0.001	< 0.05
PAH, Total Detected USEPA 16					mg/kg																							< 0.001	
Coronene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
Total Of 17 PAH's					mg/kg	0.41	0.47	< 0.2	< 0.2							< 0.2	< 0.2	1.2	< 0.2	< 0.2	< 0.2	< 0.2	0.48	< 0.2	< 0.2			< 0.001	< 0.2
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.01	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.01	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.01	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001
Xylenes, Total					mg/kg																							< 0.01	
Total BTEX					mg/kg																								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002				< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01				< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002				< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005							< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005				< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002				< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002				< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005							< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005				< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005							< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005				< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02							< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			< 0.02				< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002				< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01				< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01				< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.01	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01				< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001				< 0.001
VOC TIC					mg/kg	< 0	< 0	< 0	< 0							< 0													

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

						Works Area	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATWN-SWORDS	SWORDS STATION	SWORDS STATION	SWORDS STATION
						Sample Date	03/03/2021	03/03/2021	03/03/2021	03/03/2021	16/07/2007	17/07/2007	24/07/2007	25/07/2007	08/10/2007	09/10/2007	11/03/2020	30/11/2020	30/11/2020	30/11/2020	30/11/2020	07/12/2020	07/12/2020	09/12/2020	09/12/2020	09/12/2020	<250	11/07/2007	06/09/2007	07/12/2020
						Location	ABH02	ABH02	ATP08	ATP08	RC114	RC129	RC127	TP141	TP139	TP140	ATP09D	ATP11	ATP11	ATP11	ATP12	ATP13	ATP13	ATP10	ATP10	ATP10	TP138	RC121	RC122	ATP14
						Top Depth (m)	7	12	0.5	1.5	1	0.5	1.2	0.1	0.5	1.1	1.3	0.5	2.5	4.5	1.5	0.5	2.5	0.5	1.5	2.5	0.6	1.1	1.1	0.5
						Base Depth (m)					1	0.5	1.2	0.1	0.6	1.2											0.6			
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
3-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
4-Chloroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
4-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Azobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Carbazole					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Dibenzofuran					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Dimethylphthalate					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Hexachlorocyclopentadiene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Hexachloroethane	0.2	EIC	22	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Isophorone					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Nitrobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
N-Nitrosodimethylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
N-Nitrosodi-N-propylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
SVOC TIC					mg/kg	< 0	< 0	< 0	< 0							< 0													< 0
2,4,5-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2,4,6-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2,4-Dichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2-Chlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
4-Chloro-3-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
4-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
4-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05		< 0.01		< 0.05
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05				< 0.05
Propylene Glycol					mg/kg																						< 10	
Ethylene Glycol					mg/kg								< 10		< 10	< 10											< 10	
Diethylene Glycol					mg/kg								< 10		< 10	< 10											< 10	
Triethylene Glycol					mg/kg								< 10		< 10	< 10												
1,2-propylene glycol					mg/kg								< 10		< 10	< 10												
1,3-propylene glycol					mg/kg								< 10		< 10	< 10												
1,2-butanediol					mg/kg								< 10		< 10	< 10												
1,3-butanediol					mg/kg								< 10		< 10	< 10												
1,4-Butanediol					mg/kg								< 10		< 10	< 10												
1,5-pentanediol					mg/kg								< 10		< 10	< 10												
Methanol					mg/kg						< 1		< 1		< 1	< 1											< 1	
Ethanol					mg/kg						< 1		< 1		< 1	< 1											< 1	
Isopropyl Alcohol					mg/kg						< 1		< 1		< 1	< 1											< 1	
n-Propanol					mg/kg						< 1		< 1		< 1	< 1											< 1	
n- Butyl Alcohol					mg/kg						< 1		< 1		< 1	< 1											< 1	
n-Pentyl Alcohol					mg/kg						< 1		< 1		< 1	< 1											< 1	
n-Hexyl alcohol					mg/kg						< 1		< 1		< 1	< 1											< 1	
n-Heptyl alcohol					mg/kg						< 1		< 1		< 1	< 1											< 1	
METHYL ACETATE					mg/kg						< 1		< 1		< 1	< 1											< 1	
Ethyl acetate					mg/kg						< 1		< 1		< 1	< 1											< 1	
n-Propyl acetate					mg/kg						< 1		< 1		< 1	< 1											< 1	
n-Propyl acetate					mg/kg						< 1		< 1		< 1	< 1											< 1	
n-Butyl Acetate					mg/kg																						< 1	
PCB 28 (Trichlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
PCB 118					ng/kg													14	14.3	13.4	2.09								
PCB 138 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
Pcb, Total Of 7 Congeners					mg/kg	< 0.1	< 0.1	< 0.1	< 0.1							< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1				< 0.1
PCB 77					mg/kg																								
PCB 77					ng/kg												0.214		0.177	< 0.11	< 0.09								
PCB 81					mg/kg																								
PCB 81					ng/kg												2.79		2.16	3.45	1.09								
PCB 105					mg/kg																								
PCB 105					ng/kg												7.19		6.46	6.76	1.07								
PCB 114					mg/kg																								
PCB 114					ng/kg												< 0.14		0.187	< 0.29	< 0.18								
PCB 123					mg/kg																								
PCB 123					ng/kg												0.508		0.466	< 0.41	< 0.26								
PCB 126					mg/kg																								
PCB 126					ng/kg												< 0.45		< 0.48	< 0.55	< 0.51								
PCB 156					mg/kg																								
PCB 156					ng/kg												2.19		2.03	2	0.187								
PCB 157					mg/kg																								
PCB 157					ng/kg												0.521		0.505	0.569	< 0.08								
PCB 167					mg/kg																								
PCB 167					ng/kg												0.891		0.91	0.801	< 0.09								
PCB 169					mg/kg																								
PCB 169					ng/kg												< 0.04		0.189	< 0.02	< 0.02								
PCB 189					mg/kg																								
PCB 189					ng/kg												0.482		0.291	0.259	< 0.14								
Total PCBs (12 Congeners)					mg/kg																								
Aldrin	5.7	S4UL	170	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Beta-Bhc	0.08%	S4UL	65	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Delta-Bhc					mg/kg																								
Alpha-Chlordane					mg/kg																								
Gamma-Chlordane					mg/kg																								
Dieldrin	0.97	S4UL	170	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Endosulfan Sulfate					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Endosulfan II	7	S4UL	6300	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Endrin					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Endrin Aldehyde					mg/kg																								
Endrin Ketone					mg/kg																								
gamma-BHC (Lindane)					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
4,4'-DDD					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
4,4'-DDE					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
4,4'-DDT					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
p,p'-Methoxychlor					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Guthion (Azinphos-methyl)					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Coumaphos					mg/kg																								
Demeton-S					mg/kg																								
Diazinon					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
DISULFOTON					mg/kg																								
Ethion					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Fenitrothion					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Fensulfothion					mg/kg																								
Fenthion					mg/kg																								
Heptachlor					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Heptachlor Epoxide					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Malathion					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Methoxychlor					mg/kg																								
PARATHION, METHYL					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
Mevinphos					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	
PHORATE					mg/kg																								
Sulprofos					mg/kg																								
Tokuthion					mg/kg																								
Trichloronate					mg/kg																								
2,4-Dichlorophenoxyacetic acid					mg/kg																								< 0.5
2,4-DP (DICHLOROPROP)					mg/kg																								< 0.5
2,4,5-T					mg/kg																								< 0.5
Ametryn					mg/kg																								< 0.2
Atraton					mg/kg																								< 0.2
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																								< 0.2
Chlortoluron					mg/kg																								< 1
Diuron					mg/kg																								< 1
Isoproturon					mg/kg																								< 1
Linuron					mg/kg																								< 1
MCPA					mg/kg																								< 0.5
MCPB					mg/kg																								< 0.5
MCPP (MECOPROP)					mg/kg																								< 0.5
Methabenzthiazuron					mg/kg																								< 1
Monuron					mg/kg																								< 1
Prometon					mg/kg																								< 0.2
Prometryne					mg/kg																								< 0.2
Propazine					mg/kg																								< 0.2
Secbumeton					mg/kg																								< 0.2
Simazine					mg/kg																								< 0.2
Simetryn					mg/kg																								< 0.2
Terbuthylazine					mg/kg																								< 0.2
Terbutryn					mg/kg																								< 0.2

Table D1 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION <250	SWORDS STATION <250	SWORDS STATION <250	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	FOSTERTOWN STATION	FOSTERTOWN STATION
					Sample Date	07/12/2020	07/12/2020	07/12/2020	05/01/2021	08/01/2021	08/01/2021	08/01/2021	12/01/2021	12/01/2021	02/08/2007	30/08/2007	03/09/2007	27/06/2007	24/07/2007	28/09/2007	12/10/2007	07/12/2020	07/12/2020	14/12/2020	14/12/2020	14/12/2020	14/12/2020	28/05/2007	28/05/2007
					Location	ATP14	ATP15	ATP15	ABH03	ABH04	ABH04	ABH04	ABH03	ABH03	TP150	BH123ACP	BH139ACP	RC202	RC201	TP149	TP154	ATP16	ATP16	ATP17	ATP17	ATP18	ATP18	RC205	RC205
					Top Depth (m)	1.5	2.5	3.5	0.5	0.5	3.1	8.8	2	4	2	1	1	1	0.6	0.5	0.4	0.5	1.5	0.5	1.5	0.5	2.5	0.1	0.5
					Base Depth (m)										2	1	1	1	0.6	0.6	0.5							0.1	0.5
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Identification.					%				No result	No result										No Asbestos Detected		No result		No result		No result			
Total Asbestos					%																								
Moisture					%										24.4	19.5	16	15	11.3	22.2	16.4							20.2	16.7
pH					pH UNITS	8.8	8.6	8.7	8.7	8.6	8.9	10	8.8	8.8						6.52		8.7	8.7	8.5	8.7	8.7	8.6		
Total Organic Matter					%																								
Total Organic Carbon					%	0.32	0.4	0.34	0.73	0.73	0.43	0.24	0.44	0.38								< 0.2	0.25	1.5	0.36	2.2	0.44		
Undried Mass of Test Portion					g																								
Free Cyanides					mg/kg															< 2.5									
Cyanide (Total)					mg/kg																								
Loss on ignition					%	1	1.2	0.9	2.4	3.1	2	2	2.5	2.3								1.1	1.9	7	2.5	5.2	3		
Sulphate (2:1 Water Soluble) as SO4					g/l																								
Sulphate Aquesous Extract as SO4					mg/kg															160									
Sulphide					mg/kg															< 5									
Total Sulphur					%											< 0.2	< 0.2												
Antimony			7500	EIC	mg/kg	< 2	< 2	< 2	< 2	< 2	< 2	2	2.2	< 2								< 2	< 2	< 2	< 2	< 2	< 2		
Arsenic	37	C4SL	640	C4SL	mg/kg	23	18	19	20	15	18	21	17	13		< 0.5	6		11	8	9	21	21	22	11	19	11	< 0.5	< 0.5
Barium			22000	EIC	mg/kg	140	86	78	91	99	62	120	130	94								85	65	290	61	86	130		
Boron (Water soluble)					mg/kg											< 1	< 1		< 1	< 1	< 1							1	< 1
Cadmium	22	C4SL	410	C4SL	mg/kg	2	0.75	0.71	1.5	1.4	0.81	0.74	1.5	0.71		1	2		2	2	2	0.82	0.51	1.7	0.99	1.3	1.6	1	2
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5								< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	19	34	27	20	27	23	27	24	31								41	31	32	16	19	22		
Chromium	910	S4UL	8600	S4UL	mg/kg											29	30		18	43	27							29	25
Copper	2400	S4UL	68000	S4UL	mg/kg	27	26	20	23	25	23	26	33	25		16	30		30	31	27	30	22	40	26	50	14	41	38
Lead	200	C4SL	2300	C4SL	mg/kg	19	15	14	16	25	16	17	26	18		31	29		21	24	39	18	15	46	18	110	20	75	57
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.05	0.05	< 0.05	0.07	< 0.05	< 0.05		< 0.3	< 0.3		< 0.3	< 0.3	< 0.3	< 0.05	< 0.05	0.09	< 0.05	0.62	0.08	< 0.3	< 0.3
Molybdenum			17000	EIC	mg/kg	3.9	< 2	2.1	3.5	2.8	3.8	2.3	5.1	2								< 2	< 2	3.2	2.2	3.7	3.2		
Nickel	130	S4UL	980	S4UL	mg/kg	44	50	41	43	40	38	45	50	44		21	48		51	61	40	57	42	47	42	45	35	42	43
Selenium	250	S4UL	12000	S4UL	mg/kg	0.78	0.28	1.4	0.25	0.34	2.2	0.66	1.7	1.9		< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	0.38	0.27	0.84	1	0.85	0.29	< 0.5	< 0.5
Vanadium	410	S4UL	9000	S4UL	mg/kg											68	72		50	89	65								
Zinc	3700	S4UL	730000	S4UL	mg/kg	64	59	51	54	67	80	61	77	60		59	91		76	109	110	70	55	110	66	92	72	119	111
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5								< 5	< 5	< 5	< 5	< 5	< 5		
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1								< 1	< 1	< 1	< 1	< 1	< 1		
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5								< 5	< 5	< 5	< 5	< 5	< 5		
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10								< 10	< 10	< 10	< 10	< 10	< 10		
C10-C20					mg/kg																								
EPH >C10-C12					mg/kg																							< 0.01	< 0.01
TPH >C10-40					mg/kg																								
Diesel Range Organics					mg/kg																							< 1	< 1
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	0.083	< 0.01	< 0.05	< 0.05	< 0.001	< 0.001
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	0.75	< 0.01	< 0.05	< 0.05	< 0.001	< 0.001
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.072	< 0.05	0.092	< 0.05								< 0.05	< 0.05	1.3	0.14	< 0.05	< 0.05	< 0.001	< 0.001
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.16	0.11	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	6.1	0.42	< 0.05	< 0.05	< 0.001	< 0.001
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	6.3	0.43	< 0.05	< 0.05	< 0.001	< 0.001
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	7.4	0.51	< 0.05	< 0.05	< 0.001	< 0.001
benzo(b,k)fluoranthene					mg/kg																							< 0.001	< 0.001
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	3.3	0.2	< 0.05	< 0.05	< 0.001	< 0.001
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	2.9	0.21	< 0.05	< 0.05	< 0.001	< 0.001
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.18	0.11	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	5.6	0.35	< 0.05	< 0.05	< 0.001	< 0.001
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	0.72	0.087	< 0.05	< 0.05	< 0.001	< 0.001
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.2	0.26	< 0.05	0.22	0.15		0.104						< 0.05	< 0.05	12	0.68	0.33	0.2	< 0.001	< 0.001
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	0.29	< 0.01	< 0.05	< 0.05	< 0.001	< 0.001
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	4	0.3	< 0.05	< 0.05	< 0.001	< 0.001
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	0.46	< 0.01	< 0.05	< 0.05	< 0.001	< 0.001
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.14	< 0.05	0.17	0.13								< 0.05	< 0.05	2.6	0.15	0.25	< 0.05	< 0.001	< 0.001
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.21	0.21	< 0.05	0.16	0.12								< 0.05	< 0.05	9.9	0.55	0.33	0.21	< 0.001	< 0.001
PAH, Total Detected USEPA 16					mg/kg																							< 0.001	< 0.001
Coronene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Total Of 17 PAH's					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	0.75	0.9	< 0.2	0.64	0.45								< 0.2	< 0.2	64	4	0.91	0.41	< 0.001	< 0.001
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Xylenes, Total					mg/kg																							< 0.01	< 0.01
Total BTEX					mg/kg																								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002								< 0.002	< 0.002						
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01						
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002								< 0.002	< 0.002						
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05						
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05						
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005								< 0.005	< 0.005						
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	0.0041	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002								< 0.002	< 0.002						
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002								< 0.002	< 0.002						
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005								< 0.005	< 0.005						
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005								< 0.005	< 0.005						
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02								< 0.02	< 0.02						
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002								< 0.002	< 0.002						
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01						
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01						
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01						
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001								< 0.001	< 0.001						
VOC TIC					mg/kg																								

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

Works Area						SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION <250	SWORDS STATION <250	SWORDS STATION <250	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	FOSTERTOWN STATION	FOSTERTOWN STATION
Sample Date						07/12/2020	07/12/2020	07/12/2020	05/01/2021	08/01/2021	08/01/2021	08/01/2021	12/01/2021	12/01/2021	02/08/2007	30/08/2007	03/09/2007	27/06/2007	24/07/2007	28/09/2007	12/10/2007	07/12/2020	07/12/2020	14/12/2020	14/12/2020	14/12/2020	14/12/2020	28/05/2007	28/05/2007
Location						ATP14	ATP15	ATP15	ABH03	ABH04	ABH04	ABH04	ABH03	ABH03	TP150	BH123ACP	BH139ACP	RC202	RC201	TP149	TP154	ATP16	ATP16	ATP17	ATP17	ATP18	ATP18	RC205	RC205
Top Depth (m)						1.5	2.5	3.5	0.5	0.5	3.1	8.8	2	4	2	1	1	1	0.6	0.5	0.4	0.5	1.5	0.5	1.5	0.5	2.5	0.1	0.5
Base Depth (m)															2	1	1	1	0.6	0.6	0.5							0.1	0.5
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
3-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
4-Chloroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
4-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Azobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Carbazole					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Dibenzofuran					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Dimethylphthalate					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Hexachlorocyclopentadiene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Isophorone					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Nitrobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
N-Nitrosodimethylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
N-Nitrosodi-N-propylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
SVOC TIC					mg/kg	< 0	< 0	< 0	< 0	< 0	< 0		< 0													< 0	< 0		
2,4,5-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2,4,6-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2,4-Dichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2-Chlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
4-Chloro-3-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
4-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
4-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05			< 0.05	< 0.05		
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg															< 10									
Diethylene Glycol					mg/kg															< 10									
Triethylene Glycol					mg/kg															< 10									
1,2-propylene glycol					mg/kg															< 10									
1,3-propylene glycol					mg/kg															< 10									
1,2-butanediol					mg/kg															< 10									
1,3-butanediol					mg/kg															< 10									
1,4-Butanediol					mg/kg															< 10									
1,5-pentanediol					mg/kg															< 10									
Methanol					mg/kg															< 1									
Ethanol					mg/kg															< 1									
Isopropyl Alcohol					mg/kg															< 1									
n-Propanol					mg/kg															< 1									
n-Butyl Alcohol					mg/kg															< 1									
n-Pentyl Alcohol					mg/kg															< 1									
n-Hexyl alcohol					mg/kg															< 1									
n-Heptyl alcohol					mg/kg															< 1									
METHYL ACETATE					mg/kg															< 1									
Ethyl acetate					mg/kg															< 1									
i-Propyl acetate					mg/kg															< 1									
n-Propyl acetate					mg/kg															< 1									
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
PCB 52 (Tetrachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
PCB 101 (Pentachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
PCB 118					ng/kg																								
PCB 138 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
PCB 153 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
PCB 180 (Heptachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Pcb, Total Of 7 Congeners					mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1								< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		
PCB 77					mg/kg																								
PCB 77					ng/kg																								
PCB 81					mg/kg																								
PCB 81					ng/kg																								
PCB 105					mg/kg																								
PCB 105					ng/kg																								
PCB 114					mg/kg																								
PCB 114					ng/kg																								
PCB 123					mg/kg																								
PCB 123					ng/kg																								
PCB 126					mg/kg																								
PCB 126					ng/kg																								
PCB 156					mg/kg																								
PCB 156					ng/kg																								
PCB 157					mg/kg																								
PCB 157					ng/kg																								
PCB 167					mg/kg																								
PCB 167					ng/kg																								
PCB 169					mg/kg																								
PCB 169					ng/kg																								
PCB 189					mg/kg																								
PCB 189					ng/kg																								
Total PCBs (12 Congeners)					mg/kg																								
Aldrin	5.7	S4UL	170	S4UL	mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg				**< 0.2**	**< 0.2**	**< 0.2**		**< 0.2**		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					**< 0.2**	**< 0.2**	< 0.001	< 0.001
Delta-Bhc					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Alpha-Chlordane					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Gamma-Chlordane					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Dieldrin	0.97	S4UL	170	S4UL	mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Endosulfan Sulfate					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Endosulfan II	7	S4UL	6300	S4UL	mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Endrin					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Endrin Aldehyde					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Endrin Ketone					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
gamma-BHC (Lindane)					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
4,4'-DDD					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
4,4'-DDE					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
4,4'-DDT					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
p,p'-Methoxychlor					mg/kg										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001
Guthion (Azinphos-methyl)					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Coumaphos					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Demeton-S					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Diazinon					mg/kg										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001
DISULFOTON					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Ethion					mg/kg										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001
Fenitrothion					mg/kg										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001
Fensulfothion					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Fenthion					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Heptachlor					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Heptachlor Epoxide					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.2	< 0.2	< 0.001	< 0.001
Malathion					mg/kg										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001
Methoxychlor					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
PARATHION, METHYL					mg/kg										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001
Mevinphos					mg/kg										< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001
PHORATE					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Sulprofos					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Tokuthion					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Trichloronate					mg/kg				< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
2,4-Dichlorophenoxyacetic acid					mg/kg	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1															< 0.5	< 0.5		
2,4-DP (DICHLOROPROP)					mg/kg	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1															< 0.5	< 0.5		
2,4,5-T					mg/kg	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1															< 0.5	< 0.5		
Ametryn					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Atraton					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Atrazine	3.3	S4UL	9300	S4UL	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Chlortoluron					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1		< 1													< 1	< 1		
Diuron					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1		< 1													< 1	< 1		
Isoproturon					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1		< 1													< 1	< 1		
Linuron					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1		< 1													< 1	< 1		
MCPA					mg/kg	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1															< 0.5	< 0.5		
MCPB					mg/kg	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1															< 0.5	< 0.5		
MCPP (MECOPROP)					mg/kg	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1															< 0.5	< 0.5		
Methabenzthiazuron					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1		< 1													< 1	< 1		
Monuron					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1		< 1													< 1	< 1		
Prometon					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Prometryne					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Propazine					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Secbumeton					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Simazine					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Simetryn					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Terbuthylazine					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		
Terbutryn					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		< 0.2													< 0.2	< 0.2		

Table D1 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C
					Sample Date	28/05/2007	12/06/2007	20/08/2007	14/12/2020	14/12/2020	14/12/2020	14/12/2020	29/12/2020	29/12/2020	06/01/2021	08/01/2021	08/01/2021	08/01/2021	10/01/2021	11/01/2021	11/01/2021	02/02/2021	02/02/2021	09/02/2021	09/02/2021	10/02/2021	07/06/2007	07/06/2007	15/06/2007
					Location	RC205	RC203	TP202	ATP19	ATP19	ATP20	ATP20	ABH07	ABH07	ABH06	ABH05	ABH05	ABH06	ABH06	ABH05	ABH05	ABH07	ABH07	ATP21	ATP21	ABH06	RC208	RC208	TP207
					Top Depth (m)	1	0.6	1	0.5	2.5	0.5	2	0.3	1	0.5	1.5	2.5	6.1	15	9.9	12	8.5	13.5	0.4	2.2	1.5	0.6	1.2	1
					Base Depth (m)	1	0.6	1																			0.6	1.2	1
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Identification.					%				No result		No result		No result	No result	No result									No result			No Asbestos Detected	No Asbestos Detected	
Total Asbestos					%																								
Moisture					%	9.9	18.4																				23.2	21.3	
pH					pH UNITS				8.6	8.8	8.6	8.7	8.6	8.7	8.7	8.7	8.5	8.9	8.7	8.9	9	9	9	8.8	8.8	8.7	7.23	7.31	
Total Organic Matter					%																								
Total Organic Carbon					%				0.86	0.38	0.59	0.38	0.38	0.39	1.3	0.4	0.64	0.44	0.54	0.42	0.4	0.52	0.27	0.6	0.76	0.57			
Undried Mass of Test Portion					g																								
Free Cyanides					mg/kg																						< 2.5	< 2.5	
Cyanide (Total)					mg/kg																								
Loss on ignition					%				4	2	3.5	2.1	2.3	2.4	4.4	1.9	2.4	1.4	2	2.2	2.1	2.3	2.1	2.2	2	2.8			
Sulphate (2:1 Water Soluble) as SO4					g/l																								
Sulphate Aquesous Extract as SO4					mg/kg																						560	690	
Sulphide					mg/kg																						< 5	< 5	
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg				< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	2	2	< 2	2.1	2.2	3.6	2.5	2.2			
Arsenic	37	C4SL	640	C4SL	mg/kg	< 0.5	5		15	27	14	19	19	24	17	20	15	17	20	17	16	20	24	29	21	17			
Barium			22000	EIC	mg/kg				100	94	180	130	83	100	97	74	79	51	76	77	63	89	78	110	66	110			
Boron (Water soluble)					mg/kg	< 1	< 1																						
Cadmium	22	C4SL	410	C4SL	mg/kg	2	1		1.2	2.1	2.1	2.1	0.99	1.5	2.4	1.5	1.1	1.1	1.8	1.5	1.6	1.2	0.95	0.98	1.3	1.6			
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg				22	22	21	14	19	20	23	17	16	14	23	23	19	23	22	14	18	26			
Chromium	910	S4UL	8600	S4UL	mg/kg	22	32																						
Copper	2400	S4UL	68000	S4UL	mg/kg	33	22		25	36	22	27	24	31	24	24	25	16	31	29	25	31	26	28	46	25			
Lead	200	C4SL	2300	C4SL	mg/kg	25	19		38	98	21	20	17	23	28	14	14	11	25	18	15	22	24	35	20	25			
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.3	< 0.3		0.06	0.07	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.05	< 0.05	0.06	0.06	< 0.05	0.05	< 0.05	0.06	< 0.05	0.08			
Molybdenum			17000	EIC	mg/kg				3	7.2	3.9	4.9	3.1	4.9	3.2	4.7	4.9	3.3	4.2	3.9	3.8	3.7	2.4	2.6	3.4	4.5			
Nickel	130	S4UL	980	S4UL	mg/kg	46	44		38	58	44	46	42	52	39	37	42	30	51	49	40	51	46	29	42	50			
Selenium	250	S4UL	12000	S4UL	mg/kg	< 0.5	< 0.5		0.43	2.7	0.59	1.1	2.6	3.5	0.36	0.45	2.6	2	1.5	1.6	1.5	2.1	1.4	0.36	3.2	0.46			
Vanadium	410	S4UL	9000	S4UL	mg/kg		70																						
Zinc	3700	S4UL	730000	S4UL	mg/kg	86	116		80	95	79	63	61	76	190	50	49	44	80	70	59	71	78	62	58	81			
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aliphatic TPH >C16-C21					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aliphatic TPH >C21-C35					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Total Aliphatic Hydrocarbons					mg/kg				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Total Aromatic Hydrocarbons					mg/kg				< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5			
Total Petroleum Hydrocarbons					mg/kg				< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10			
C10-C20					mg/kg																								
EPH >C10-C12					mg/kg	< 0.01																							
TPH >C10-40					mg/kg																								
Diesel Range Organics					mg/kg	< 1																							
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
benzo(b,k)fluoranthene					mg/kg	< 0.001																							
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.001			0.15	< 0.05	< 0.05	< 0.05	0.11	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.088	0.079	< 0.05	< 0.05	< 0.05			
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.001			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.001			0.11	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.001			0.18	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	0.089	< 0.05	< 0.05	< 0.05			
PAH, Total Detected USEPA 16					mg/kg	< 0.001																							
Coronene					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Total Of 17 PAH's					mg/kg	< 0.001			0.44	< 0.2	< 0.2	< 0.2	0.24	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.24	< 0.2	< 0.2	< 0.2	< 0.2			
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.01			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.01			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.01			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
o-Xylene	60	S4UL	6600	S4UL	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Xylenes, Total					mg/kg	< 0.01																							
Total BTEX					mg/kg																								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg								< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
1,1-Dichloropropene					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg								< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
1,2,3-Trichloropropane					mg/kg								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
1,2-Dibromo-3-Chloropropane					mg/kg								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
1,2-Dibromoethane					mg/kg								< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg								< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
1,3,5-Trimethylbenzene					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
1,3-Dichloropropane					mg/kg								< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Chlorotoluene					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
4-Chlorotoluene					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
4-Isopropyltoluene					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Bromobenzene	0.87	EIC	97	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Bromochloromethane					mg/kg								< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg								< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
Bromomethane					mg/kg								< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Chloroethane	8.3	EIC	960	EIC	mg/kg								< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
Chloromethane	0.0083	EIC	1	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
cis-1,3-Dichloropropene					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Dibromochloromethane					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Dibromomethane					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Dichlorodifluoromethane					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Isopropylbenzene	11	EIC	1400	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
N-Butylbenzene					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
N-Propylbenzene	34	EIC	4100	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Sec-Butylbenzene					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Styrene	8.1	EIC	3300	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Tert-Butylbenzene					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Trans-1,3-Dichloropropene					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Tribromomethane	2.8	EIC	760	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Trichlorofluoromethane					mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
VOC TIC					mg/kg																								

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C
					Sample Date	28/05/2007	12/06/2007	20/08/2007	14/12/2020	14/12/2020	14/12/2020	14/12/2020	29/12/2020	29/12/2020	06/01/2021	08/01/2021	08/01/2021	08/01/2021	10/01/2021	11/01/2021	11/01/2021	02/02/2021	02/02/2021	09/02/2021	09/02/2021	10/02/2021	07/06/2007	07/06/2007	15/06/2007
					Location	RC205	RC203	TP202	ATP19	ATP19	ATP20	ATP20	ABH07	ABH07	ABH06	ABH05	ABH05	ABH06	ABH06	ABH05	ABH05	ABH07	ABH07	ATP21	ATP21	ABH06	RC208	RC208	TP207
					Top Depth (m)	1	0.6	1	0.5	2.5	0.5	2	0.3	1	0.5	1.5	2.5	6.1	15	9.9	12	8.5	13.5	0.4	2.2	1.5	0.6	1.2	1
					Base Depth (m)	1	0.6	1																			0.6	1.2	1
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Methylnaphthalene					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Nitroaniline					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
3-Nitroaniline					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
4-Bromophenylphenyl Ether					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
4-Chloroaniline					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
4-Chlorophenylphenylether					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
4-Nitroaniline					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Azobenzene					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Bis(2-Chloroethoxy)Methane					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Bis-(2-Chloroethyl)Ether					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Bis(2-Chloroisopropyl)Ether					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Carbazole					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Dibenzofuran					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Dimethylphthalate					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Hexachlorocyclopentadiene					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Isophorone					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Nitrobenzene					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
N-Nitrosodimethylamine					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
N-Nitrosodi-N-propylamine					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
SVOC TIC					mg/kg				< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0												
2,4,5-Trichlorophenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2,4,6-Trichlorophenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2,4-Dichlorophenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Chlorophenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Methylphenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Nitrophenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
4-Chloro-3-Methylphenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
4-Methylphenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
4-Nitrophenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Phenol	120	S4UL	440	S4UL	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
2-Methyl-4,6-Dinitrophenol					mg/kg				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																						< 10	< 10	< 10
Diethylene Glycol					mg/kg																						< 10	< 10	< 10
Triethylene Glycol					mg/kg																						< 10	< 10	< 10
1,2-propylene glycol					mg/kg																						< 10	< 10	< 10
1,3-propylene glycol					mg/kg																						< 10	< 10	< 10
1,2-butanediol					mg/kg																						< 10	< 10	< 10
1,3-butanediol					mg/kg																						< 10	< 10	< 10
1,4-Butanediol					mg/kg																						< 10	< 10	< 10
1,5-pentanediol					mg/kg																						< 10	< 10	< 10
Methanol					mg/kg																						< 1	< 1	
Ethanol					mg/kg																						< 1	< 1	
Isopropyl Alcohol					mg/kg																						< 1	< 1	
n-Propanol					mg/kg																						< 1	< 1	
n-Butyl Alcohol					mg/kg																						< 1	< 1	
n-Pentyl Alcohol					mg/kg																						< 1	< 1	
n-Hexyl alcohol					mg/kg																						< 1	< 1	
n-Heptyl alcohol					mg/kg																						< 1	< 1	
METHYL ACETATE					mg/kg																						< 1	< 1	
Ethyl acetate					mg/kg																						< 1	< 1	
i-Propyl acetate					mg/kg																						< 1	< 1	
n-Propyl acetate					mg/kg																						< 1	< 1	
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
PCB 52 (Tetrachlorobiphenyl)					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
PCB 101 (Pentachlorobiphenyl)					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
PCB 118					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
PCB 118					ng/kg																								
PCB 138 (Hexachlorobiphenyl)					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
PCB 153 (Hexachlorobiphenyl)					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
PCB 180 (Heptachlorobiphenyl)					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Pcb, Total Of 7 Congeners					mg/kg				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			
PCB 77					mg/kg																								
PCB 77					ng/kg																								
PCB 81					mg/kg																								
PCB 81					ng/kg																								
PCB 105					mg/kg																								
PCB 105					ng/kg																								
PCB 114					mg/kg																								
PCB 114					ng/kg																								
PCB 123					mg/kg																								
PCB 123					ng/kg																								
PCB 126					mg/kg																								
PCB 126					ng/kg																								
PCB 156					mg/kg																								
PCB 156					ng/kg																								
PCB 157					mg/kg																								
PCB 157					ng/kg																								
PCB 167					mg/kg																								
PCB 167					ng/kg																								
PCB 169					mg/kg																								
PCB 169					ng/kg																								
PCB 189					mg/kg																								
PCB 189					ng/kg																								
Total PCBs (12 Congeners)					mg/kg																								
Aldrin	5.7	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**			**< 0.2**	**< 0.2**	**< 0.2**												
Delta-Bhc					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Alpha-Chlordane					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Gamma-Chlordane					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Dieldrin	0.97	S4UL	170	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Endosulfan Sulfate					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Endosulfan II	7	S4UL	6300	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Endrin					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Endrin Aldehyde					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Endrin Ketone					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
gamma-BHC (Lindane)					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
4,4'-DDD					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
4,4'-DDE					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
4,4'-DDT					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
p,p'-Methoxychlor					mg/kg	< 0.001	< 0.001	< 0.001																					
Guthion (Azinphos-methyl)					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Coumaphos					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Demeton-S					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Diazinon					mg/kg	< 0.001	< 0.001	< 0.001																					
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg	< 0.001	< 0.001	< 0.001																					
DISULFOTON					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Ethion					mg/kg	< 0.001	< 0.001	< 0.001																					
Fenitrothion					mg/kg	< 0.001	< 0.001	< 0.001																					
Fensulfothion					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Fenthion					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Heptachlor					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Heptachlor Epoxide					mg/kg	< 0.001	< 0.001	< 0.001	< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Malathion					mg/kg	< 0.001	< 0.001	< 0.001																					
Methoxychlor					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
PARATHION, METHYL					mg/kg	< 0.001	< 0.001	< 0.001																					
Mevinphos					mg/kg	< 0.001	< 0.001	< 0.001																					
PHORATE					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Sulprofos					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Tokuthion					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
Trichloronate					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2			< 0.2	< 0.2	< 0.2												
2,4-Dichlorophenoxyacetic acid					mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1														
2,4-DP (DICHLOROPROP)					mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1														
2,4,5-T					mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1														
Ametryn					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Atraton					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Atrazine	3.3	S4UL	9300	S4UL	mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Chlortoluron					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
Diuron					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
Isoproturon					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
Linuron					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
MCPA					mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1														
MCPB					mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1														
MCPP (MECOPROP)					mg/kg				< 0.5	< 0.5	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1														
Methabenzthiazuron					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
Monuron					mg/kg				< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1												
Prometon					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Prometryne					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Propazine					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Secbumeton					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Simazine					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Simetryn					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Terbuthylazine					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												
Terbutryn					mg/kg				< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2												

Table D1 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

					Works Area	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FTOWN - NTH PORTAL	FTOWN - NTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL
					Sample Date	19/06/2007	19/06/2007	03/07/2007	05/09/2007	06/09/2007	09/02/2021	09/02/2021	10/02/2021	10/02/2021	10/02/2021	11/02/2021	13/06/2007	14/06/2007	31/05/2007	14/06/2007	10/02/2021	10/02/2021	11/02/2021	11/02/2021	12/02/2021	19/02/2021	19/02/2021	19/02/2021
					Location	TP205	TP206	RC207	BH209ACP	BH210ACP	ABH08	ABH08	ABH08	ABH08	ABH08	ABH08ii	TP210	TP208	BH212	TP212	ATP25	ATP25	ABH09	ABH09	ABH09	ABH09	ABH09	ABH09
					Top Depth (m)	1.5	4.5	1	0.4	0.5	1.3	2	3.8	4.8	8	1	1	0.5	1.1	0.5	0.5	1.5	8.6	11.5	19.8	0.3	1	3
					Base Depth (m)	1.5	4.5	1.1	0.5	0.6							1	0.5	1.1	0.5								
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																							
Asbestos by Gravimetry.					%																							
Asbestos Identification.					%			No Asbestos Detected			No result	No result				No result					No result	No result				No result		
Total Asbestos					%																							
Moisture					%	12	7.9	17.3	29.3	31.2							26	11.8	21.7	10.4								
pH					pH UNITS	8.28	7.91	8.09			8.8	8.5	8.6	8.6	8.7	8.5					8.1	8.4	9.1	9.2	8.4	8.8	9.1	9.1
Total Organic Matter					%																							
Total Organic Carbon					%						1	3.1	0.66	0.81	0.48	0.58					0.87	0.47	0.42	0.25	0.35	1.8	0.47	0.57
Undried Mass of Test Portion					g																							
Free Cyanides					mg/kg			< 2.5																				
Cyanide (Total)					mg/kg	< 2.5	< 2.5																					
Loss on ignition					%						3.5	8.9	2.3	2.2	2.2	2.3					3.1	1.4	2	1.8	0.75	4.7	2.4	2.2
Sulphate (2:1 Water Soluble) as SO4					g/l																							
Sulphate Aquesous Extract as SO4					mg/kg	510	2500	330																				
Sulphide					mg/kg	< 5	< 5	< 5																				
Total Sulphur					%	< 0.2	< 0.2																					
Antimony			7500	EIC	mg/kg						2.8	11	2.2	2.7	< 2	< 2					< 2	< 2	< 2	< 2	< 2	2.4	2.6	7.8
Arsenic	37	C4SL	640	C4SL	mg/kg	< 0.5	< 0.5	12	11	8	25	23	23	28	26	19	6	10	16	15	23	27	20	14	31	21	24	24
Barium			22000	EIC	mg/kg						100	210	130	190	85	96					120	100	84	85	95	100	83	150
Boron (Water soluble)					mg/kg	< 1		< 1	< 1	< 1							< 1	< 1	< 1	< 1								
Cadmium	22	C4SL	410	C4SL	mg/kg	2	2	2	2	1	1.8	2.3	1.5	2.3	1.3	1.3	1	1	2	3	3	1.9	1.5	0.88	0.86	1.8	2.2	1.7
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg						< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg						40	25	18	21	22	20					29	22	22	23	31	22	18	17
Chromium	910	S4UL	8600	S4UL	mg/kg	19	17	24	31	33							41	24	28	22								
Copper	2400	S4UL	68000	S4UL	mg/kg	29	37	33	42	47	64	62	40	44	31	89	7	20	46	39	98	59	29	22	79	43	33	33
Lead	200	C4SL	2300	C4SL	mg/kg	21	18	23	49	103	54	130	21	25	20	31	28	18	57	29	63	36	25	17	34	79	30	39
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	3	0.42	0.09	0.07	< 0.05	0.08	< 0.3	< 0.3	< 0.3	< 0.3	0.11	0.07	0.09	0.05	< 0.05	0.25	< 0.05	< 0.05
Molybdenum			17000	EIC	mg/kg						4.6	5.7	6.3	7.6	4.3	4.1					8.1	7.1	4.8	2.3	3.3	4.2	5.7	8.9
Nickel	130	S4UL	980	S4UL	mg/kg	46	40	49	54	38	43	46	47	57	50	47	42	37	57	63	78	60	47	41	56	49	55	54
Selenium	250	S4UL	12000	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	3.1	1.8	3.6	4.5	1.8	0.38	< 0.5	< 0.5	< 0.5	< 0.5	1.4	0.87	1.9	0.89	1	1	0.72	5
Vanadium	410	S4UL	9000	S4UL	mg/kg	41	42	62	78	75							82	53	71	60								
Zinc	3700	S4UL	730000	S4UL	mg/kg	75	61	83	116	114	170	280	57	70	64	71	93	65	123	100	120	83	65	54	83	130	79	78
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg						20	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg						46	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg						66	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg																							
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg						60	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg						270	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg						< 1	< 1	< 1	< 1	< 1	< 1					< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg						330	< 5	< 5	< 5	< 5	< 5					< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg						400	< 10	< 10	< 10	< 10	< 10					< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
C10-C20					mg/kg	< 1	< 1																					
EPH >C10-C12					mg/kg	< 0.01	< 0.01																					
TPH >C10-40					mg/kg																							
Diesel Range Organics					mg/kg																							
PRO					mg/kg																							
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.001	0.025				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.001	0.001				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.001	0.003				< 0.05	0.083	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.13	< 0.05	0.13	0.055	< 0.05
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.001	0.022				0.089	0.29	< 0.05	< 0.05	< 0.05	< 0.05					0.054	< 0.05	< 0.05	0.5	< 0.05	0.6	0.17	< 0.05
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.001	0.003				< 0.05	0.35	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.41	< 0.05	0.53	0.24	< 0.05
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg						< 0.05	0.47	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.68	< 0.05	0.74	0.24	< 0.05
benzo(b,k)fluoranthene					mg/kg	< 0.001	0.023																					
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.001	< 0.001				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.23	< 0.05	0.27	< 0.05	< 0.05
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg						< 0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.24	< 0.05	0.32	0.1	< 0.05
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.001	0.038				0.11	0.34	< 0.05	< 0.05	< 0.05	< 0.05					0.052	< 0.05	< 0.05	0.6	< 0.05	0.59	0.15	< 0.05
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.001	< 0.001				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.11	< 0.05	0.084	< 0.05	< 0.05
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.001	0.009				0.19	0.6	0.054	< 0.05	< 0.05	< 0.05					0.12	< 0.05	< 0.05	0.79	< 0.05	1.1	0.31	< 0.05
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.001	0.021				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.063	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.001	< 0.001				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.23	< 0.05	0.28	< 0.05	< 0.05
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.001	0.025				< 0.05	< 0.05	0.054	0.056	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.46	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.001	0.064				0.12	0.34	0.14	0.1	< 0.05	< 0.05					0.098	< 0.05	< 0.05	1.3	< 0.05	0.33	0.18	< 0.05
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.001	0.015				0.17	0.55	0.076	< 0.05	< 0.05	< 0.05					0.096	< 0.05	< 0.05	0.61	< 0.05	0.89	0.25	< 0.05
PAH, Total Detected USEPA 16					mg/kg	< 0.001	0.249																					
Coronene					mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's					mg/kg	< 0.001	0.249				0.71	3.2	< 0.2	< 0.2	< 0.2	< 0.2					0.42	< 0.2	< 0.2	< 0.2	< 0.2	4.4	1.7	< 0.2
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0023
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg	< 0.01	< 0.01																					
Total BTEX					mg/kg																							
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg						< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg						< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg						< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg						< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg						< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg						< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg						< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg						< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.0074
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg						< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane					mg/kg						< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg						< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg						< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg						< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg						< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02					< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg						< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	11	EIC	1400	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg						< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg																							

Table D1 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrial ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 28/05/2007 - 07/05/2021

						Works Area	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FTOWN - NTH PORTAL	FTOWN - NTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL
						Sample Date	19/06/2007	19/06/2007	03/07/2007	05/09/2007	06/09/2007	09/02/2021	09/02/2021	10/02/2021	10/02/2021	10/02/2021	11/02/2021	13/06/2007	14/06/2007	31/05/2007	14/06/2007	10/02/2021	10/02/2021	11/02/2021	11/02/2021	12/02/2021	19/02/2021	19/02/2021
						Location	TP205	TP206	RC207	BH209ACP	BH210ACP	ABH08	ABH08	ABH08	ABH08	ABH08	ABH08	TP210	TP208	BH212	TP212	ATP25	ATP25	ABH09	ABH09	ABH09	ABH09	ABH09
						Top Depth (m)	1.5	4.5	1	0.4	0.5	1.3	2	3.8	4.8	8	1	1	0.5	1.1	0.5	0.5	1.5	8.6	11.5	19.8	0.3	1	3
						Base Depth (m)	1.5	4.5	1.1	0.5	0.6							1	0.5	1.1	0.5	0.5							
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene					mg/kg							< 0.05	< 0.05	0.11	0.12	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroethoxy)Methane					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.063	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	0.43	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	0.2	EIC	22	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitroso-N-propylamine					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC					mg/kg												< 0												
2,4,5-Trichlorophenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.01	< 0.01					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methyl-4,6-Dinitrophenol					mg/kg							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
1,2-propylene glycol					mg/kg																								
1,3-propylene glycol					mg/kg																								
1,2-butanediol					mg/kg																								
1,3-butanediol					mg/kg																								
1,4-Butanediol					mg/kg																								
1,5-pentanediol					mg/kg																								
Methanol					mg/kg	< 1	< 1																						
Ethanol					mg/kg	< 1	< 1																						
Isopropyl Alcohol					mg/kg	< 1	< 1																						
n-Propanol					mg/kg	< 1	< 1																						
n- Butyl Alcohol					mg/kg	< 1	< 1																						
n-Pentyl Alcohol					mg/kg	< 1	< 1																						
n-Hexyl alcohol					mg/kg	< 1	< 1																						
n-Heptyl alcohol					mg/kg	< 1	< 1																						
METHYL ACETATE					mg/kg	< 1	< 1																						
Ethyl acetate					mg/kg	< 1	< 1																						
n-Propyl acetate					mg/kg	< 1	< 1																						
n-Propyl acetate					mg/kg	< 1	< 1																						
n-Butyl Acetate					mg/kg	< 1	< 1																						
PCB 28 (Trichlorobiphenyl)					mg/kg	< 0.001	< 0.001	< 0.001				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg	< 0.001	< 0.001	< 0.001				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg	< 0.001	< 0.001	< 0.001				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg	< 0.001	< 0.001	< 0.001				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg							109	222																
PCB 138 (Hexachlorobiphenyl)					mg/kg	< 0.001	< 0.001	< 0.001				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg	< 0.001	< 0.001	< 0.001				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg	< 0.001	< 0.001	< 0.001				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg	< 0.001	< 0.001	< 0.001				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1					< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg																								
PCB 77					ng/kg							0.568	0.82																
PCB 81					mg/kg																								
PCB 81					ng/kg							11.7	32.8																
PCB 105					mg/kg																								
PCB 105					ng/kg							47.1	94.3																
PCB 114					mg/kg																								
PCB 114					ng/kg							2.04	2.46																
PCB 123					mg/kg																								
PCB 123					ng/kg							1.38	2.91																
PCB 126					mg/kg																								
PCB 126					ng/kg							1.33	3.82																
PCB 156					mg/kg																								
PCB 156					ng/kg							14.7	20.2																
PCB 157					mg/kg																								
PCB 157					ng/kg							3.41	4.85																
PCB 167					mg/kg																								
PCB 167					ng/kg							5.85	7.81																
PCB 169					mg/kg																								
PCB 169					ng/kg							0.712	0.38																
PCB 189					mg/kg																								
PCB 189					ng/kg							2.09	2.12																
Total PCBs (12 Congeners)					mg/kg																								
Aldrin	5.7				mg/kg												< 0.2												
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Beta-Bhc	0.085	S4UL	65	S4UL	mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Delta-Bhc					mg/kg												< 0.2												
Alpha-Chlordane					mg/kg												< 0.2												
Gamma-Chlordane					mg/kg												< 0.2												
Dieldrin	0.97	S4UL	170	S4UL	mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Endosulfan Sulfate					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Endosulfan II	7	S4UL	6300	S4UL	mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Endrin					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Endrin Aldehyde					mg/kg												< 0.2												
Endrin Ketone					mg/kg												< 0.2												
gamma-BHC (Lindane)					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
4,4'-DDD					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
4,4'-DDE					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
4,4'-DDT					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
(p,p'-Methoxychlor					mg/kg		< 0.001		< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001								
Guthion (Azinphos-methyl)					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Coumaphos					mg/kg												< 0.2												
Demeton-S					mg/kg												< 0.2												
Diazinon					mg/kg		< 0.001		< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001								
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg		< 0.001		< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001								
DISULFOTON					mg/kg												< 0.2												
Ethion					mg/kg		< 0.001		< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001								
Fenitrothion					mg/kg		< 0.001		< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001								
Fensulfothion					mg/kg												< 0.2												
Fenthion					mg/kg												< 0.2												
Heptachlor					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Heptachlor Epoxide					mg/kg		< 0.001		< 0.001	< 0.001							< 0.2	< 0.001	< 0.001	< 0.001	< 0.001								
Malathion					mg/kg		< 0.001		< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001								
Methoxychlor					mg/kg												< 0.2												
PARATHION, METHYL					mg/kg		< 0.001		< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001								
Mevinphos					mg/kg		< 0.001		< 0.001	< 0.001								< 0.001	< 0.001	< 0.001	< 0.001								
PHORATE					mg/kg												< 0.2												
Sulprofos					mg/kg												< 0.2												
Tokuthion					mg/kg												< 0.2												
Trichloronate					mg/kg												< 0.2												
2,4-Dichlorophenoxyacetic acid					mg/kg												< 0.1												
2,4-DP (DICHLOROPROP)					mg/kg												< 0.1												
2,4,5-T					mg/kg												< 0.1												
Ametryn					mg/kg												< 0.2												
Atraton					mg/kg												< 0.2												
Atrazine	3.3	S4UL	9300	S4UL	mg/kg												< 0.2												
Chlortoluron					mg/kg												< 1												
Diuron					mg/kg												< 1												
Isoproturon					mg/kg												< 1												
Linuron					mg/kg												< 1												
MCPA					mg/kg												< 0.1												
MCPB					mg/kg												< 0.1												
MCPP (MECOPROP)					mg/kg												< 0.1												
Methabenzthiazuron					mg/kg												< 1												
Monuron					mg/kg												< 1												
Prometon					mg/kg												< 0.2												
Prometryne					mg/kg												< 0.2												
Propazine					mg/kg												< 0.2												
Secbumeton					mg/kg												< 0.2												
Simazine					mg/kg												< 0.2												
Simetryn					mg/kg												< 0.2												
Terbuthylazine					mg/kg												< 0.2												
Terbutryn					mg/kg												< 0.2												

Table D2 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-2
Sample Date: 29/09/1999 - 15/04/2021

					Works Area	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT
					Sample Date	29/09/1999	29/09/1999	16/07/2019	16/07/2019	16/07/2019	27/07/2019	01/02/2021	01/02/2021
					Location	BH35	BH35	NBH60	NBH60	NBH62	NBH61	ABH12	ABH12
					Top Depth (m)	0.5	1.2	0.5	1	0.5	1	0.2	1.7
					Base Depth (m)	0.5	1.2	0.5	1	0.5	1		
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units								
Asbestos by Gravimetry.					%								
Asbestos Containing Material.					none								
Asbestos Identification.					%			No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No result	No result
Total Asbestos					%								
Moisture					%			30	22	11	16		
pH					pH UNITS	8.17	8.6	8.3	7.9	8.5	8.6	9.5	8.7
Total Organic Matter					%			6.7	1.7	1.2	1.5		
Total Organic Carbon					%				1.4		1.1	1.2	1.6
Undried Mass of Test Portion					g				228		201		
Cyanide (Total)					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5		
Loss on ignition					%				5.4		1.6	0.7	3.5
Chloride					mg/kg				690				
Fluoride					mg/kg				3.1				
Sulphate Aqueous Extract as SO4					g/l			0.42	0.42	0.09	0.044		
Sulphate (acid soluble as SO4)					%	0.17	0.05						
Sulphide					mg/kg	14	10						
Total Sulphur					%	0.1	0.03						
Antimony			7500	EIC	mg/kg			2.9	3.3	2.3	2.2	< 2	< 2
Arsenic	37	C4SL	640	C4SL	mg/kg	6	5	27	25	24	20	26	17
Barium			22000	EIC	mg/kg				< 0.5			48	54
Boron (Water soluble)					mg/kg	< 1	< 1						
Cadmium	22	C4SL	410	C4SL	mg/kg	< 0.5	< 0.5	1.7	4.2	2.5	2	< 0.1	0.83
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg							< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg							2.1	7.9
Chromium	910	S4UL	8600	S4UL	mg/kg	16	12	22	47	21	21		
Copper	2400	S4UL	68000	S4UL	mg/kg	16	15	51	45	30	32	17	37
Lead	200	C4SL	2300	C4SL	mg/kg	21	12	160	36	26	49	7.4	72
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.3	< 0.3	0.22	0.17	< 0	0.18	< 0.05	0.06
Molybdenum			17000	EIC	mg/kg			2.6	3.5	4.9	3.7	< 2	< 2
Nickel	130	S4UL	980	S4UL	mg/kg	19	19	38	110	52	45	5.4	15
Selenium	250	S4UL	12000	S4UL	mg/kg			0.62	< 0.01	0.51	0.61	< 0.2	< 0.2
Vanadium	410	S4UL	9000	S4UL	mg/kg			41	56	38	34		
Zinc	3700	S4UL	730000	S4UL	mg/kg	49	52	200	150	71	85	16	110
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg			4.9	3.8	< 1	4	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg			34	27	< 1	21	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg			39	31	< 5	25	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg			47	8.8	< 1	3.9	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg			330	120	< 1	120	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg			380	120	< 5	130	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg			420	150	< 10	150	< 10	< 10
TPH >C10-40					mg/kg				< 10		32		
Acenaphthene	210	S4UL	84000	S4UL	mg/kg			0.8	< 0.5	< 0.5	1.7	< 0.05	5.9
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg			1.2	< 0.5	< 0.5	0.97	< 0.05	0.23
Anthracene	2400	S4UL	520000	S4UL	mg/kg			3	< 0.5	< 0.5	0.5	< 0.05	11
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg			45	1.2	< 0.5	5	< 0.05	17
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg			44	0.89	< 0.5	4	< 0.05	13
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg				1.3	< 0.5	3.4	< 0.05	18
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg			33	< 0.5	< 0.5	6.5	< 0.05	7.3
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg			25	< 0.5	< 0.5	1.7	< 0.05	6.8
Chrysene	15	S4UL	350	S4UL	mg/kg			44	1.1	< 0.5	10	< 0.05	16
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg				< 0.5	< 0.5		< 0.05	1.9
Fluoranthene	280	S4UL	23000	S4UL	mg/kg			59	2.3	< 0.5	3.1	< 0.05	48
Fluorene	170	S4UL	63000	S4UL	mg/kg			0.97	< 0.5	< 0.5	0.38	< 0.05	4
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg			33	< 0.5	< 0.5	5.4	< 0.05	9.3
Naphthalene	2.3	S4UL	190	S4UL	mg/kg			0.59	< 0.5	< 0.5	0.78	< 0.05	0.99
Phenanthrene	95	S4UL	22000	S4UL	mg/kg			7.4	< 0.5	< 0.5	2.1	< 0.05	36
Pyrene	620	S4UL	54000	S4UL	mg/kg			67	1.8	< 0.5	8.3	< 0.05	34
PAH, Total Detected USEPA 16					mg/kg			440	5.8	< 2	20		
Coronene					mg/kg							< 0.01	< 0.01
Total Of 17 PAH's					mg/kg					< 2	20	< 0.2	230
Benzene	0.2	C4SL	27	C4SL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Total BTEX					mg/kg				< 0.01		< 0.01		
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
1,3-Dichloropropane					mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2-Chlorotoluene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	11	EIC	1400	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg								
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2-Methylnaphthalene					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2-Nitroaniline					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
3-Nitroaniline					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
4-Bromophenylphenyl Ether					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
4-Chloroaniline					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
4-Chlorophenylphenylether					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
4-Nitroaniline					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Azobenzene					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Bis(2-Chloroethoxy)Methane					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Carbazole					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	0.22
Dibenzofuran					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	0.18
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Dimethylphthalate					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Hexachlorocyclopentadiene					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Hexachloroethane	0.2	EIC	22	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Isophorone					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Nitrobenzene					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg			< 0.5	< 0.5			< 0.05	< 0.05
N-Nitrosodi-N-propylamine					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
SVOC TIC					mg/kg								
2,4,5-Trichlorophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2-Chlorophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2-Methylphenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2-Nitrophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
4-Methylphenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
4-Nitrophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.01	< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
2-Methyl-4,6-Dinitrophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05
Propylene Glycol					mg/kg							< 0.1	< 0.1
Ethylene Glycol					mg/kg							< 0.1	< 0.1

Works Area	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT
Sample Date	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	02/02/2021	02/02/2021	02/02/2021	02/02/2021	02/02/2021	04/02/2021	04/02/2021	08/02/2021	08/02/2021	09/02/2021
Location	ABH12	ABH13	ABH13	ABH13	ATP26	ATP26	ATP27	ATP27	ABH14	ABH14a	ABH14a	ATP28	ATP28	ABH12	ABH12	ABH13	ABH13	ABH13
Top Depth (m)	2.7	0.7	1.3	2.7	0.3	1.7	0.3	0.7	0.3	0.7	1.3	0.3	0.7	16.3	23.5	3.7	10	20
Base Depth (m)																		
Analyte																		
Asbestos by Gravimetry.							0.001											
Asbestos Containing Material.																		
Asbestos Identification.		No result	No result	No result	No result	No result	1 Fibres/ Clumps	No result	No result	No result	No result	No result	No result					
Total Asbestos							0.001											
Moisture																		
pH		9.9	8.6	8.7	9.2	8.6	8.7	8.5	8.9	8.4	8.7	9.1	9.2			8.7	9	
Total Organic Matter																		
Total Organic Carbon	2.1	0.33	1.2	1.7	0.45	1.3	0.71	0.74	0.99	1.3	1.4	0.49	0.53	0.25	0.89	1	1.6	0.53
Undried Mass of Test Portion																		
Cyanide (Total)																		
Loss on ignition		1.8	4.8	5	2.3	5.2	1.9	3.7	2.1	23	4.2	1.1	1.5			0.44	0.36	
Chloride																		
Fluoride																		
Sulphate Aqueous Extract as SO4																		
Sulphate (acid soluble as SO4)																		
Sulphide																		
Total Sulphur																		
Antimony	< 2	2.5	2.7	2.7	< 2	2.1	< 2	< 2	4	3.4	7.4	< 2	< 2	< 2	3.3	12	6.6	2.6
Arsenic	42	33	24	29	23	25	18	15	46	17	17	25	32	28	33	72	50	77
Barium	12	100	130	110	39	120	92	78	180	140	130	85	100	21	24	17	17	53
Boron (Water soluble)																		
Cadmium	0.11	2.1	2.4	2	0.67	2	2.8	1.3	1.2	2	2	1.3	4.6	0.15	0.36	0.11	0.24	0.4
Chromium, Hexavalent (Cr6+)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	< 1	19	21	14	66	36	13	38	21	25	26	19	20	1.5	2.8	1.4	2	1.7
Chromium																		
Copper	48	39	37	24	56	24	42	33	19	25	27	23	140	6.3	12	30	17	17
Lead	21	270	60	59	26	58	23	30	230	66	64	26	35	3.7	15	8.5	11	15
Mercury	< 0.05	0.28	0.19	0.09	0.15	0.1	0.05	0.09	0.08	0.11	0.21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	< 2	2.8	4.7	2.2	< 2	2.6	3.3	2.8	< 2	2.8	3.9	3.1	2.1	< 2	< 2	2.8	< 2	< 2
Nickel	3	37	50	37	48	31	27	55	19	35	44	31	30	3.1	7.4	24	19	4.9
Selenium	< 0.2	< 0.2	1.4	0.49	0.26	0.73	< 0.2	1	< 0.2	0.75	0.34	0.66	0.34	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Vanadium																		
Zinc	45	150	86	200	87	130	49	160	240	280	150	52	130	18	81	23	53	80
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	18	< 1	< 1	92	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	18	< 1	< 1	320	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	16	< 1	< 1	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	550	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	< 1	< 1	< 1	< 1	75	290	< 1	< 1	48	< 1	< 1	140	35	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	32	9.8	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	< 5	< 5	53	< 5	75	2000	< 5	< 5	48	< 5	< 5	170	45	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	7.2	< 1	< 1	34	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	15	< 1	< 1	240	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	20	< 1	< 1	820	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	690	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	< 1	< 1	< 1	< 1	330	750	< 1	< 1	180	< 1	< 1	560	160	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	100	36	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	< 5	< 5	43	< 5	330	2500	< 5	< 5	180	< 5	< 5	660	200	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	< 10	< 10	96	< 10	400	4500	< 10	< 10	230	< 10	< 10	830	240	< 10	< 10	< 10	< 10	< 10
TPH >C10-40																		
Acenaphthene	< 0.05	0.053	< 0.05	< 0.05	< 0.05	< 0.05	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.15	< 0.05	< 0.05	< 0.05
Acenaphthylene	< 0.05	0.065	< 0.05	< 0.05	< 0.05	< 0.05	0.19	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.22	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	< 0.05	0.17	0.07	0.13	0.23	0.28	0.77	< 0.05	< 0.05	0.087	0.17	< 0.05	0.13	< 0.05	0.27	< 0.05	< 0.05	< 0.05
Benzo[a]anthracene	< 0.05	0.41	0.28	0.47	0.92	0.28	1.7	0.31	< 0.05	0.24	0.62	< 0.05	0.11	0.16	0.53	< 0.05	< 0.05	< 0.05
Benzo[a]pyrene	< 0.05	0.41	0.27	0.43	0.92	< 0.05	1.6	< 0.05	< 0.05	0.16	0.5	< 0.05	0.11	0.22	0.62	< 0.05	< 0.05	< 0.05
Benzo[b]fluoranthene	< 0.05	0.52	0.42	0.52	1.2	< 0.05	2	< 0.05	< 0.05	0.2	0.6	< 0.05	0.11	0.26	0.63	< 0.05	< 0.05	< 0.05
Benzo[g,h,i]perylene	< 0.05	0.39	0.21	0.29	0.59	< 0.05	1.3	< 0.05	< 0.05	< 0.05	0.23	< 0.05	< 0.05	< 0.05	0.38	< 0.05	< 0.05	< 0.05
Benzo[k]fluoranthene	< 0.05	0.27	0.17	0.24	0.41	0.11	0.81	< 0.05	< 0.05	0.11	0.22	< 0.05	< 0.05	0.11	0.25	< 0.05	< 0.05	< 0.05
Chrysene	< 0.05	0.37	0.31	0.45	0.79	0.13	1.6	0.3	< 0.05	0.24	0.53	< 0.05	0.11	0.16	0.56	< 0.05	< 0.05	< 0.05
Dibenz(a,h)Anthracene	< 0.05	0.22	0.091	0.15	0.13	< 0.05	0.42	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.05	< 0.05	0.095	< 0.05	< 0.05	< 0.05
Fluoranthene	0.07	0.63	0.62	0.82	1.8	0.91	3.8	0.77	0.098	0.46	1.2	0.089	0.26	0.24	1.7	< 0.05	< 0.05	< 0.05
Fluorene	< 0.05	0.08	< 0.05	< 0.05	< 0.05	< 0.05	0.29	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.096	< 0.05	0.095	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene	< 0.05	0.42	0.24	0.37	0.71	< 0.05	1.3	< 0.05	< 0.05	< 0.05	0.23	< 0.05	< 0.05	< 0.05	0.38	< 0.05	< 0.05	< 0.05
Naphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.54	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.85	< 0.05	0.17	< 0.05	< 0.05	< 0.05
Phenanthrene	< 0.05	0.35	0.29	0.33	0.61	0.82	2.4	0.36	< 0.05	0.25	0.53	< 0.05	0.37	0.12	1.3	< 0.05	< 0.05	< 0.05
Pyrene	0.079	0.59	0.47	0.61	1.4	0.7	3.2	0.59	0.11	0.38	1	0.1	0.22	0.26	1.5	< 0.05	< 0.05	< 0.05
PAH, Total Detected USEPA 16																		
Coronene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	< 0.2	4.8	3.4	4.8	9.9	1.4	22	2.3	0.21	1.2	2	< 0.2	0.36	1.6	8.7	< 0.2	< 0.2	< 0.2
Benzene	< 0.001	< 0.001	0.0024	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0031	< 0.001
Toluene	< 0.001	< 0.001	0.0016	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	0.0013	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	0.054	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	0.0019	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Total BTEX																		
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.001	< 0.001	0.32	0.03	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	0.17	0.0017	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	0.067	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	< 0.001	< 0.001	0.0095	0.0015	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	0.022	0.0035	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	0.0028	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.059	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC																		
2,4-Dinitrotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroethoxy)Methane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.22	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.056	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.053	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.074	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl Phthalate	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC																		
2,4,5-Trichlorophenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methyl-4,6-Dinitrophenol	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Propylene Glycol	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			< 0.1		
Ethylene Glycol	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			< 0.1		

Works Area	DUBLIN AIRPORT <25	DUBLIN AIRPORT <25	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL
Sample Date	13/04/2021	15/04/2021	01/10/1999	21/03/2019	21/03/2019	25/03/2019	12/01/2021	12/01/2021	14/01/2021	14/01/2021	10/02/2021
Location	ABH10	ABH11	BH32	NBH05	NBH06	NBH07	ABH17	ABH17	ABH17	ABH17	ABH17
Top Depth (m)	29	20	1.2	0.5	0.5	0.5	0.4	1.2	10	22.1	1
Base Depth (m)			1.2	0.5	0.5	0.5					
Analyte											
Asbestos by Gravimetry.											
Asbestos Containing Material.											
Asbestos Identification.				No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No result	No result			No result
Total Asbestos											
Moisture				15	11	20					
pH	8.5		8.51	8.2	8.6	8.1	8.5	8.5	9	9.1	8.3
Total Organic Matter				2.8							
Total Organic Carbon	0.79	1.5		1.6			1.1	1.1	0.45	1	3.6
Undried Mass of Test Portion				207							
Cyanide (Total)				< 0.5	< 0.5						
Loss on ignition	2.3			4.4			3.5	3.3	1.7	0.87	6.7
Chloride											
Fluoride											
Sulphate Aqueous Extract as SO4				< 0.01	< 0.01	< 0.01					
Sulphate (acid soluble as SO4)			0.09								
Sulphide			10								
Total Sulphur			0.06								
Antimony	< 2	3.7		2.1	< 0.01	< 0.01	3	2.8	< 2	< 2	2.3
Arsenic	14	19	6	21	20	19	25	25	20	25	19
Barium	42	25					72	67	91	22	94
Boron (Water soluble)			< 1								
Cadmium	0.33	0.1	< 0.5	2.3	2	2.6	2.2	1.9	1.1	0.99	1.9
Chromium, Hexavalent (Cr6+)	< 0.5	< 0.5					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	21	26					20	20	24	22	20
Chromium			14	24	15	28					
Copper	22	22	21	39	23	34	37	55	37	15	48
Lead	24	17	46	63	22	34	40	40	17	12	85
Mercury	0.05	0.05	< 0.3	0.29	< 0	0.12	0.18	0.17	< 0.05	0.06	0.57
Molybdenum	< 2	< 2		4.4	4	4.1	3.9	4.7	3.3	2.2	3
Nickel	48	40	23	55	51	50	52	49	42	17	42
Selenium	0.54	1.1		0.7	< 0.01	0.55	0.46	0.68	1.6	2	0.66
Vanadium				37	22	52					
Zinc	170	54	58	83	50	130	80	80	56	32	100
Aliphatic TPH >C5-C6	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	6.7	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	26	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	4.2	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	36	< 5		< 5	< 5		< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C7-C8	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	4.2	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	< 5	< 5		< 5	< 5		< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	41	< 10		< 10	< 10		< 10	< 10	< 10	< 10	< 10
TPH >C10-40				< 10							
Acenaphthene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.065	< 0.05	0.078
Acenaphthylene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.12	< 0.05	< 0.05
Anthracene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.16	< 0.05	0.1
Benzo[a]anthracene	< 0.05	< 0.05		< 0.5	< 0.5		0.1	< 0.05	0.14	< 0.05	0.52
Benzo[a]pyrene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.15	< 0.05	0.52
Benzo[b]fluoranthene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.15	< 0.05	0.71
Benzo[g,h,i]perylene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.075	< 0.05	0.3
Benzo[k]fluoranthene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.059	< 0.05	0.23
Chrysene	< 0.05	< 0.05		< 0.5	< 0.5		0.12	< 0.05	0.15	< 0.05	0.6
Dibenz(a,h)Anthracene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	0.1
Fluoranthene	< 0.05	< 0.05		< 0.5	< 0.5		0.19	0.14	0.5	< 0.05	0.95
Fluorene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.14	< 0.05	0.065
Indeno(1,2,3-c,d)Pyrene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.077	< 0.05	0.27
Naphthalene	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	0.27	< 0.05	0.078
Phenanthrene	< 0.05	< 0.05		< 0.5	< 0.5		0.075	0.1	0.58	< 0.05	0.64
Pyrene	< 0.05	< 0.05		< 0.5	< 0.5		0.15	0.13	0.43	< 0.05	0.86
PAH, Total Detected USEPA 16				< 2	< 2						
Coronene	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	< 0.2	< 0.2		< 2	< 2		0.64	0.37	1.5	< 0.2	2.4
Benzene	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Total BTEX				< 0.01							
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002		< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01		< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002		< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05		< 0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05		< 0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005		< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.002	< 0.002		< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.002	< 0.002		< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005		< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005		< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02		< 0.02			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002		< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01		< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01		< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01		< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC	< 0	< 0									
2,4-Dinitrotoluene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	0.14	< 0.05	0.12
2-Nitroaniline	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroethoxy)Methane	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	0.078
Diethyl Phthalate	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	0.06	< 0.05	< 0.05
Dimethylphthalate	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC	< 0	< 0					< 0	< 0			< 0
2,4,5-Trichlorophenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	< 0.05	< 0.05	< 0.01	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methyl-4,6-Dinitrophenol	< 0.05	< 0.05		< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Propylene Glycol											
Ethylene Glycol											

Table D2 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-2
Sample Date: 29/09/1999 - 15/04/2021

					Works Area	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT
					Sample Date	29/09/1999	29/09/1999	16/07/2019	16/07/2019	16/07/2019	27/07/2019
					Location	BH35	BH35	NBH60	NBH60	NBH62	NBH61
					Top Depth (m)	0.5	1.2	0.5	1	0.5	1
					Base Depth (m)	0.5	1.2	0.5	1	0.5	1
PCB 28 (Trichlorobiphenyl)					mg/kg						
PCB 52 (Tetrachlorobiphenyl)					mg/kg						
PCB 101 (Pentachlorobiphenyl)					mg/kg						
PCB 118					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg						
PCB 138 (Hexachlorobiphenyl)					mg/kg						
PCB 153 (Hexachlorobiphenyl)					mg/kg						
PCB 180 (Heptachlorobiphenyl)					mg/kg						
Pcb, Total Of 7 Congeners					mg/kg				< 0.1		< 0.1
PCB 77					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 77					ng/kg						
PCB 81					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 81					ng/kg						
PCB 105					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 105					ng/kg						
PCB 114					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 114					ng/kg						
PCB 123					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 123					ng/kg						
PCB 126					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 126					ng/kg						
PCB 156					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 156					ng/kg						
PCB 157					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 157					ng/kg						
PCB 167					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 167					ng/kg						
PCB 169					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 169					ng/kg						
PCB 189					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01
PCB 189					ng/kg						
Total PCBs (12 Congeners)					mg/kg			< 0.12	< 0.12	< 0.12	< 0.12
Aldrin	5.7	S4UL	170	S4UL	mg/kg						
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg						
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg						
Delta-Bhc					mg/kg						
Alpha-Chlordane					mg/kg						
Gamma-Chlordane					mg/kg						
Dieldrin	0.97	S4UL	170	S4UL	mg/kg						
Endosulfan Sulfate					mg/kg						
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg						
Endosulfan II	7	S4UL	6300	S4UL	mg/kg						
Endrin					mg/kg						
Endrin Aldehyde					mg/kg						
Endrin Ketone					mg/kg						
gamma-BHC (Lindane)					mg/kg						
4,4'-DDD					mg/kg						
4,4'-DDE					mg/kg						
4,4'-DDT					mg/kg						
Guthion (Azinphos-methyl)					mg/kg						
Coumaphos					mg/kg						
Demeton-S					mg/kg						
DISULFOTON					mg/kg						
Fensulfothion					mg/kg						
Fenthion					mg/kg						
Heptachlor					mg/kg						
Heptachlor Epoxide					mg/kg						
Methoxychlor					mg/kg						
PHORATE					mg/kg						
Sulprofos					mg/kg						
Tokuthion					mg/kg						
Trichloronate					mg/kg						
Ametryn					mg/kg						
Atraton					mg/kg						
Atrazine	3.3	S4UL	9300	S4UL	mg/kg						
Chlortoluron					mg/kg						
Diuron					mg/kg						
Isoproturon					mg/kg						
Linuron					mg/kg						
Methabenzthiazuron					mg/kg						
Monuron					mg/kg						
Prometon					mg/kg						
Prometryne					mg/kg						
Propazine					mg/kg						
Secbumeton					mg/kg						
Simazine					mg/kg						
Simetryn					mg/kg						
Terbuthylazine					mg/kg						
Terbutryn					mg/kg						
PFBA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFBS					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFDA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFDoA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFDS					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFHpA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFHpS					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFHxA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFHxS					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFNA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFNS					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFOA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFOS					mg/kg			0.001	< 0.001	< 0.001	< 0.001
PFPeA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFPeS					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001
PFUnA					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001

Works Area	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT
Sample Date	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	02/02/2021	02/02/2021	02/02/2021	02/02/2021	02/02/2021
Location	ABH12	ABH12	ABH12	ABH13	ABH13	ABH13	ATP26	ATP26	ATP27	ATP27	ABH14	ABH14a	ABH14a	ATP28	ATP28
Top Depth (m)	0.2	1.7	2.7	0.7	1.3	2.7	0.3	1.7	0.3	0.7	0.3	0.7	1.3	0.3	0.7
Base Depth (m)															
PCB 28 (Trichlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118	27.9	359		801	14300	1010	706	12.4	55.3	5.87	896	81	325	33.3	195
PCB 138 (Hexachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77															
PCB 77	0.0887	3.07		0.164	2.08	< 0.36	0.255	0.124	0.684	0.163	1.78	0.696	1.66	< 0.14	1.1
PCB 81															
PCB 81	1.87	55		15.1	70.5	8.4	6.9	1.25	9.62	2.07	39.9	13.5	28.2	3.95	24.6
PCB 105															
PCB 105	10.1	154		444	6110	437	263	3.09	29.7	2.65	417	39.4	165	13.7	76
PCB 114															
PCB 114	< 0.62	5.95		14	290	16.2	8.18	< 0.21	1.64	< 0.3	16.3	1.45	8.16	0.841	2.72
PCB 123															
PCB 123	< 0.65	5.2		19.6	108	11.8	6.75	0.374	1.57	< 0.33	11.2	1.91	4.47	0.55	1.42
PCB 126															
PCB 126	0.279	4.82		9.05	14.1	1.77	2.27	0.172	1.34	< 0.11	4.5	2.01	10.5	0.642	3.47
PCB 156															
PCB 156	3.81	60.6		468	1840	233	167	1.77	12	0.739	114	15.9	159	5.78	34.4
PCB 157															
PCB 157	1.48	16.7		311	389	107	118	1.23	6.85	0.426	34	4.75	167	2.06	10.1
PCB 167															
PCB 167	2.15	29.3		366	564	137	153	1.06	7.62	0.43	48.2	7.41	163	2.73	15.1
PCB 169															
PCB 169	0.0637	1.55		0.974	0.511	0.771	0.32	0.552	0.424	1.24	0.542	0.509	1.27	< 0.07	< 0.04
PCB 189															
PCB 189	0.471	10.5		46.9	53.6	16.4	18.5	0.675	1.91	< 0.42	4.29	1.8	33.1	0.504	3.02
Total PCBs (12 Congeners)															
Aldrin															
Alpha-Bhc															
Beta-Bhc															
Delta-Bhc															
Alpha-Chlordane															
Gamma-Chlordane															
Dieldrin															
Endosulfan Sulfate															
Endosulfan I															
Endosulfan II															
Endrin															
Endrin Aldehyde															
Endrin Ketone															
gamma-BHC (Lindane)															
4,4'-DDD															
4,4'-DDE															
4,4'-DDT															
Guthion (Azinphos-methyl)															
Coumaphos															
Demeton-S															
DISULFOTON															
Fensulfothion															
Fenthion															
Heptachlor															
Heptachlor Epoxide															
Methoxychlor															
PHORATE															
Sulprofos															
Tokuthion															
Trichloronate															
Ametryn															
Atraton															
Atrazine															
Chlortoluron															
Diuron															
Isoproturon															
Linuron															
Methabenzthiazuron															
Monuron															
Prometon															
Prometryne															
Propazine															
Secbumeton															
Simazine															
Simetryn															
Terbuthylazine															
Terbutryn															
PFBA															
PFBS															
PFDA															
PFDoA															
PFDS															
PFHpA															
PFHpS															
PFHxA															
PFHxS															
PFNA															
PFNS															
PFOA															
PFOS															
PFPeA															
PFPeS															
PFUnA															

Works Area	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT <25(	DUBLIN AIRPORT <25(	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL
Sample Date	04/02/2021	04/02/2021	08/02/2021	08/02/2021	09/02/2021	13/04/2021	15/04/2021	01/10/1999	21/03/2019	21/03/2019	25/03/2019	12/01/2021	12/01/2021	14/01/2021	14/01/2021	10/02/2021
Location	ABH12	ABH12	ABH13	ABH13	ABH13	ABH10	ABH11	BH32	NBH05	NBH06	NBH07	ABH17	ABH17	ABH17	ABH17	ABH17
Top Depth (m)	16.3	23.5	3.7	10	20	29	20	1.2	0.5	0.5	0.5	0.4	1.2	10	22.1	1
Base Depth (m)								1.2	0.5	0.5	0.5					
PCB 28 (Trichlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118																
PCB 138 (Hexachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77									< 0.01							
PCB 77																
PCB 81									< 0.01							
PCB 81																
PCB 105									< 0.01							
PCB 105																
PCB 114									< 0.01							
PCB 114																
PCB 123									< 0.01							
PCB 123																
PCB 126									< 0.01							
PCB 126																
PCB 156									< 0.01							
PCB 156																
PCB 157									< 0.01							
PCB 157																
PCB 167									< 0.01							
PCB 167																
PCB 169									< 0.01							
PCB 169																
PCB 189									< 0.01							
PCB 189																
Total PCBs (12 Congeners)									< 0.12							
Aldrin												< 0.2	< 0.2			< 0.2
Alpha-Bhc												< 0.2	< 0.2			< 0.2
Beta-Bhc												**< 0.2**	**< 0.2**			**< 0.2**
Delta-Bhc												< 0.2	< 0.2			< 0.2
Alpha-Chlordane												< 0.2	< 0.2			< 0.2
Gamma-Chlordane												< 0.2	< 0.2			< 0.2
Dieldrin												< 0.2	< 0.2			< 0.2
Endosulfan Sulfate												< 0.2	< 0.2			< 0.2
Endosulfan I												< 0.2	< 0.2			< 0.2
Endosulfan II												< 0.2	< 0.2			< 0.2
Endrin												< 0.2	< 0.2			< 0.2
Endrin Aldehyde												< 0.2	< 0.2			< 0.2
Endrin Ketone												< 0.2	< 0.2			< 0.2
gamma-BHC (Lindane)												< 0.2	< 0.2			< 0.2
4,4'-DDD												< 0.2	< 0.2			< 0.2
4,4'-DDE												< 0.2	< 0.2			< 0.2
4,4'-DDT												< 0.2	< 0.2			< 0.2
Guthion (Azinphos-methyl)												< 0.2	< 0.2			< 0.2
Coumaphos												< 0.2	< 0.2			< 0.2
Demeton-S												< 0.2	< 0.2			< 0.2
DISULFOTON												< 0.2	< 0.2			< 0.2
Fensulfothion												< 0.2	< 0.2			< 0.2
Fenthion												< 0.2	< 0.2			< 0.2
Heptachlor												< 0.2	< 0.2			< 0.2
Heptachlor Epoxide												< 0.2	< 0.2			< 0.2
Methoxychlor												< 0.2	< 0.2			< 0.2
PHORATE												< 0.2	< 0.2			< 0.2
Sulprofos												< 0.2	< 0.2			< 0.2
Tokuthion												< 0.2	< 0.2			< 0.2
Trichloronate												< 0.2	< 0.2			< 0.2
Ametryn												< 0.2	< 0.2			< 0.2
Atraton												< 0.2	< 0.2			< 0.2
Atrazine												< 0.2	< 0.2			< 0.2
Chlortoluron												< 1	< 1			< 1
Diuron												< 1	< 1			< 1
Isoproturon												< 1	< 1			< 1
Linuron												< 1	< 1			< 1
Methabenzthiazuron												< 1	< 1			< 1
Monuron												< 1	< 1			< 1
Prometon												< 0.2	< 0.2			< 0.2
Prometryne												< 0.2	< 0.2			< 0.2
Propazine												< 0.2	< 0.2			< 0.2
Secbumeton												< 0.2	< 0.2			< 0.2
Simazine												< 0.2	< 0.2			< 0.2
Simetryn												< 0.2	< 0.2			< 0.2
Terbuthylazine												< 0.2	< 0.2			< 0.2
Terbutryn												< 0.2	< 0.2			< 0.2
PFBA																
PFBS																
PFDA																
PFDoA																
PFDS																
PFHpA																
PFHpS																
PFHxA																
PFHxS																
PFNA																
PFNS																
PFOA																
PFOS																
PFPeA																
PFPeS																
PFUnA																

Table D3 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 04/04/2019 - 25/02/2021

					Works Area	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT
					Sample Date	04/04/2019	04/04/2019	14/09/2020	14/09/2020	14/09/2020	14/09/2020	15/09/2020
					Location	NBH08	NBH08	TP27	TP29	TP30	TP31	TP28
					Top Depth (m)	0.3	1	0.5	1	2	0.5	1
					Base Depth (m)	0.3	1	0.5	1	2	0.5	1
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units							
Asbestos Containing Material.					none							
Asbestos Identification.					%	No Asbestos Detected	No Asbestos Detected					
Moisture					%	8.3	7.9					
pH					pH UNITS	8.3	8.2	8.2	8.8	8.6	8.7	8.7
Total Organic Matter					%	7.1		5	4.3	< 0.4	< 0.4	< 0.4
Total Organic Carbon					%	4.1						
Undried Mass of Test Portion					g	191						
Cyanide (Total)					mg/kg	< 0.5						
Loss on ignition					%	3.8						
Chloride					mg/kg							
Fluoride					mg/kg							
Sulphate (2:1 Water Soluble) as SO4					g/l	0.053	0.14	< 10	< 10	< 10	< 10	< 10
Antimony			7500	EIC	mg/kg	2.5	3.1	< 0.1	< 0.1	2.2	< 0.1	2.4
Arsenic	37	C4SL	640	C4SL	mg/kg	14	21	< 1	< 1	16	< 1	19
Barium			22000	EIC	mg/kg							
Cadmium	22	C4SL	410	C4SL	mg/kg	1.1	0.92	< 0.1	< 0.1	2	< 0.1	2.1
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg							
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg							
Chromium	910	S4UL	8600	S4UL	mg/kg	11	5.6	< 1	< 1	14	< 1	16
Copper	2400	S4UL	68000	S4UL	mg/kg	61	170	< 2	< 2	25	< 2	27
Lead	200	C4SL	2300	C4SL	mg/kg	140	150	< 2	< 2	18	< 2	21
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.11	< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Molybdenum			17000	EIC	mg/kg	2.1	< 0.05	0.053	< 0.5	5.4	0.11	5.8
Nickel	130	S4UL	980	S4UL	mg/kg	21	22	< 0.5	< 0.5	45	< 0.5	51
Selenium	250	S4UL	12000	S4UL	mg/kg	0.77	0.28	< 0.2	< 0.2	4	< 0.2	0.55
Vanadium	410	S4UL	9000	S4UL	mg/kg	12	< 5	30	26	25	24	28
Zinc	3700	S4UL	730000	S4UL	mg/kg	200	370	< 0.5	< 0.5	63	< 0.5	64
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1					
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1					
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1					
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1					
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1					
Aliphatic TPH >C16-C21					mg/kg	< 1	1.3					
Aliphatic TPH >C21-C35					mg/kg	35	26					
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1					
Total Aliphatic Hydrocarbons					mg/kg	35	28					
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1					
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1					
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1					
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1					
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	3.2	< 1					
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	3.6					
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	45	51					
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1					
Total Aromatic Hydrocarbons					mg/kg	48	55					
Total Petroleum Hydrocarbons					mg/kg	83	83					
TPH >C10-40					mg/kg	83						
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.5	0.22	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.5	1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.5	2.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.5	6.3					
Benzo[a]pyrene	**5**	C4SL	77	C4SL	mg/kg	< 0.5	**5.2**					
Benzo[b]fluoranthene	**2.6**	S4UL	44	S4UL	mg/kg	< 0.5	**5.9**					
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.5	2.9					
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.5	3.5					
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.5	5.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)Anthracene	**0.24**	S4UL	3.5	S4UL	mg/kg	**< 0.5**	**0.69**					
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.5	12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.5	0.77	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.5	3.2					
Naphthalene	**2.3**	S4UL	190	S4UL	mg/kg	< 0.5	0.23	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.5	7.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.5	11	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PAH, Total Detected USEPA 16					mg/kg	68						
Coronene					mg/kg							
Total Of 17 PAH's					mg/kg							
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001					
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Total BTEX					mg/kg	< 0.01						
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.5		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.5		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	**0.4**	S4UL	30	S4UL	mg/kg	**< 0.5**		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
1,3-Dichloropropane					mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.5		< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2-Chlorotoluene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001						
cis-1,3-Dichloropropene					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001						
N-Butylbenzene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001						
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001						
Trans-1,3-Dichloropropene					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001						
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001						
VOC TIC					mg/kg							

Works Area	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT
Sample Date	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020
Location	ATP30	ATP30	ATP30i	ATP30i	ATP31	ATP31	ATP31i	ATP31i
Top Depth (m)	0.5	1.5	0.5	2.5	0.5	1.5	0.5	1.5
Base Depth (m)								
Analyte								
Asbestos Containing Material.								
Asbestos Identification.	No result		No result		No result		No result	
Moisture								
pH	8.4	8.6	8.5	8.3	8.4	8.7	8.4	8.6
Total Organic Matter								
Total Organic Carbon	1.2	0.53	0.61	0.56	0.82	0.36	0.69	0.29
Undried Mass of Test Portion								
Cyanide (Total)								
Loss on ignition	5.5	2.4	3.4	2	4	2	4	2.3
Chloride								
Fluoride								
Sulphate (2:1 Water Soluble) as SO4								
Antimony	2.3	2.5	2.7	2.4	2.8	2.1	< 2	2
Arsenic	15	24	18	24	18	23	6	21
Barium	130	96	190	100	130	74	76	87
Cadmium	1.8	2.2	2.2	2.5	3	2.5	0.78	2
Chromium, Hexavalent (Cr6+)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	24	12	18	12	19	12	14	9.9
Chromium								
Copper	31	30	25	33	42	26	25	25
Lead	26	26	25	21	36	19	22	17
Mercury	0.11	0.07	0.07	0.05	0.14	< 0.05	0.08	< 0.05
Molybdenum	3.9	5.9	5.9	6	4.5	5	< 2	5.2
Nickel	47	52	51	47	64	52	21	49
Selenium	0.8	1.2	0.71	3.6	0.81	0.64	0.25	0.99
Vanadium								
Zinc	120	69	85	140	93	110	55	65
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH >C10-40								
Acenaphthene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.062	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[a]anthracene	0.14	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[a]pyrene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[b]fluoranthene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[g,h,i]perylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[k]fluoranthene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	0.16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)Anthracene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	0.2	< 0.05	< 0.05	< 0.05	0.058	< 0.05	< 0.05	< 0.05
Fluorene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.092	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	0.17	< 0.05	< 0.05	< 0.05	0.058	< 0.05	< 0.05	< 0.05
PAH, Total Detected USEPA 16								
Coronene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	0.82	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Total BTEX								
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC								

Works Area	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	NORTHWOOD C/C&C
Sample Date	08/12/2020	08/12/2020	08/12/2020	08/12/2020	09/12/2020	09/12/2020	09/12/2020	09/12/2020	17/04/2019
Location	ATP32	ATP32	ATP32i	ATP32i	ATP29	ATP29	ATP29i	ATP29i	NBH12
Top Depth (m)	0.5	1.5	0.5	1.5	0.5	1	0.5	2.1	0.1
Base Depth (m)									0.1
Analyte									
Asbestos Containing Material.									
Asbestos Identification.	No result		No result		No result		No result		No Asbestos Detected
Moisture									18
pH	8.6	8.7	8.2	8.6	8.5	8.7	8.6	8.5	8.1
Total Organic Matter									4.3
Total Organic Carbon	0.83	0.3	0.71	0.44	1.2	0.55	0.91	1	3.1
Undried Mass of Test Portion									228
Cyanide (Total)									< 0.5
Loss on ignition	3.9	2.2	3.8	2.3	3.9	2.7	2.7	3.6	6.1
Chloride									86
Fluoride									3.2
Sulphate (2:1 Water Soluble) as SO4									0.067
Antimony	< 2	< 2	2.1	2.3	< 2	2	< 2	< 2	4.3
Arsenic	13	22	14	25	17	23	18	19	22
Barium	100	69	66	67	81	60	71	92	< 0.5
Cadmium	2.3	2.1	1.9	2.4	2	2.4	2	2.1	1.3
Chromium, Hexavalent (Cr6+)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Chromium, Trivalent (Cr3+)	18	11	16	11	17	17	12	18	
Chromium									19
Copper	33	25	31	28	28	27	28	28	27
Lead	28	19	23	19	40	22	28	29	50
Mercury	0.08	< 0.05	0.08	< 0.05	0.09	0.05	0.06	0.11	0.28
Molybdenum	3.5	4.6	2.9	5.8	4.6	4.5	4.5	3.6	3.4
Nickel	52	45	54	61	47	46	40	45	< 0.05
Selenium	0.44	0.8	0.66	1.2	0.56	0.29	3.5	0.24	< 0.01
Vanadium									16
Zinc	81	66	83	71	78	62	77	95	65
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	< 1	< 1	9.2	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	< 1	< 1	13	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 1	< 1	< 1	< 1	12	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	< 1	< 1	< 1	< 1	34	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	< 5	< 5	< 5	< 5	68	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	< 1	< 1	< 1	< 1	1.5	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	< 1	< 1	< 1	< 1	66	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	< 5	< 5	< 5	< 5	67	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	< 10	< 10	< 10	< 10	140	< 10	< 10	< 10	< 10
TPH >C10-40									< 10
Acenaphthene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Acenaphthylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Anthracene	< 0.05	< 0.05	< 0.05	< 0.05	0.073	< 0.01	< 0.01	< 0.01	< 0.5
Benzo[a]anthracene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Benzo[a]pyrene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Benzo[b]fluoranthene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Benzo[g,h,i]perylene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Benzo[k]fluoranthene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Chrysene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Dibenz(a,h)Anthracene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	**< 0.5**
Fluoranthene	< 0.05	< 0.05	< 0.05	< 0.05	0.23	< 0.01	< 0.01	< 0.01	< 0.5
Fluorene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Indeno(1,2,3-c,d)Pyrene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5
Naphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	0.8
Phenanthrene	< 0.05	< 0.05	< 0.05	< 0.05	0.16	< 0.01	< 0.01	< 0.01	0.89
Pyrene	< 0.05	< 0.05	< 0.05	< 0.05	0.26	< 0.01	< 0.01	< 0.01	< 0.5
PAH, Total Detected USEPA 16									3.8
Coronene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Total Of 17 PAH's	< 0.2	< 0.2	< 0.2	< 0.2	0.72	< 0.2	< 0.2	< 0.2	
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Total BTEX									< 0.01
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005
1,2-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
1,3-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05					**< 0.5**
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002
1,4-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005					< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02					< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002					< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
cis 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001
VOC TIC									

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 04/04/2019 - 25/02/2021

					Works Area	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	NORTHWOOD C/C&C
					Sample Date	04/04/2019	04/04/2019	14/09/2020	14/09/2020	14/09/2020	14/09/2020	15/09/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	09/12/2020	09/12/2020	09/12/2020	09/12/2020	17/04/2019
					Location	NBH08	NBH08	TP27	TP29	TP30	TP31	TP28	ATP30	ATP30	ATP30i	ATP30i	ATP31	ATP31	ATP31i	ATP31i	ATP32	ATP32	ATP32i	ATP32i	ATP29	ATP29	ATP29i	ATP29i	NBH12
					Top Depth (m)	0.3	1	0.5	1	2	0.5	1	0.5	1.5	0.5	2.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1	0.5	2.1	0.1
					Base Depth (m)	0.3	1	0.5	1	2	0.5	1																	0.1
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2-Methylnaphthalene					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2-Nitroaniline					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
3-Nitroaniline					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
4-Bromophenylphenyl Ether					mg/kg	< 0.5							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
4-Chloroaniline					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
4-Chlorophenylphenylether					mg/kg	< 0.5							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
4-Nitroaniline					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Azobenzene					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.5							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.5							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Carbazole					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Dibenzofuran					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.5							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Dimethylphthalate					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.5							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg	**< 0.5**							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					**< 0.5**
Hexachlorocyclopentadiene					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg	**< 0.5**		**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					**< 0.5**
Isophorone					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Nitrobenzene					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
N-Nitrosodimethylamine					mg/kg	< 0.5							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
N-Nitrosodi-N-propylamine					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
SVOC TIC					mg/kg								< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0					
2,4,5-Trichlorophenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2,4,6-Trichlorophenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2,4-Dichlorophenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2-Chlorophenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2-Methylphenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
2-Nitrophenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
4-Chloro-3-Methylphenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
4-Methylphenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
4-Nitrophenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg	**< 0.5**							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					**< 0.5**
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.5
PCB 28 (Trichlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 52 (Tetrachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 101 (Pentachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 118					mg/kg	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 138 (Hexachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 153 (Hexachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 180 (Heptachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Pcb, Total Of 7 Congeners					mg/kg	< 0.1							< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 81					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 105					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 114					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 123					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 126					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 156					mg/kg	< 0.01																							< 0.01
PCB 157					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 167					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 169					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
PCB 189					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																	< 0.01
Total PCBs (12 Congeners)					mg/kg	< 0.12																							< 0.12
Aldrin	5.7	S4UL	170	S4UL	mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg								**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**					
Delta-Bhc					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Alpha-Chlordane					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Gamma-Chlordane					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Dieldrin	0.97	S4UL	170	S4UL	mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Endosulfan Sulfate					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Endosulfan II	7	S4UL	6300	S4UL	mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Endrin					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Endrin Aldehyde					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Endrin Ketone					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
gamma-BHC (Lindane)					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
4,4'-DDD					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
4,4'-DDE					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
4,4'-DDT					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Guthion (Azinphos-methyl)					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Coumaphos					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Demeton-S					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
DISULFOTON					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Fensulfothion					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Fenthion					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Heptachlor					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Heptachlor Epoxide					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Methoxychlor					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
PHORATE					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Sulprofos					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Tokuthion					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Trichloronate					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
2,4-Dichlorophenoxyacetic acid					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					
2,4-DP (DICHLOROPROP)					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					
2,4,5-T					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					
Ametryn					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Atraton					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Atrazine	3.3	S4UL	9300	S4UL	mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Chlortoluron					mg/kg								< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1					
Diuron					mg/kg								< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1					
Isoproturon					mg/kg								< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1					
Linuron					mg/kg								< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1					
MCPA					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					
MCPB					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					
MCPP (MECOPROP)					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					
Methabenzthiazuron					mg/kg								< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1					
Monuron					mg/kg								< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1					
Prometon					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Prometryne					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Propazine					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Secbumeton					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Simazine					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Simetryn					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Terbuthylazine					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					
Terbutryn					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					

JACOBS IDOM

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 04/04/2019 - 25/02/2021

					Works Area	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD TUNNEL
					Sample Date	17/04/2019	17/09/2019	14/12/2020	14/12/2020	04/01/2021	14/01/2021	15/01/2021	15/01/2021	15/01/2021	19/01/2021	19/01/2021	19/01/2021	20/01/2021	20/01/2021	20/01/2021	10/02/2021	10/02/2021	24/02/2021	24/02/2021	24/02/2021	25/02/2021	25/02/2021	25/02/2021	11/06/2019
					Location	NBH12	NBH202	ATP34	ATP34	ABH18	ABH18	ABH20	ABH20	ABH20	ABH20	ABH20	ABH20	ABH18	ABH18	ABH18	ATP35	ATP35	ABH19	ABH19	ABH19	ABH19	ABH19	ABH19	NBH73
					Top Depth (m)	1	0.5	1	2.5	0.5	2	0.5	2	4	7.45	18.7	22.75	9	11.5	21.8	0.5	1.5	0.5	2	3	10	13	23	0.5
					Base Depth (m)	1	0.5																						0.5
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos Containing Material.					none																								
Asbestos Identification.					%	No Asbestos Detected	No Asbestos Detected	No result		No result	No result	No result	No result								No result		No result	No result					No Asbestos Detected
Moisture					%	13	18																						19
pH					pH UNITS	8.4	8	8.7	8.7	8.7	9.2	8.7	8.9	8.8	8.8	8.6	7.9	9	8.7	8.7	8.9	8.8	7.9	8.3	8.6	8.5	8.7	8.5	8.2
Total Organic Matter					%	0.9	1.3																						2.9
Total Organic Carbon					%			0.27	0.31	1.1	0.36	1.5	0.9	1.1	0.67	1.6	2.3	0.56	0.57	0.73	0.82	0.35	0.49	0.51	0.31	0.32	0.65	0.89	1.9
Undried Mass of Test Portion					g																								224
Cyanide (Total)					mg/kg	< 0.5	< 0.5																						< 0.5
Loss on ignition					%			1.9	2.3	3.8	1.4	3.2	2.2	2.1	2.9	3.7	2.7	3.2	3.4	3.4	3.4	2.3	2.3	2.1	2.2	1	0.9	1.2	5.7
Chloride					mg/kg																								
Fluoride					mg/kg																								
Sulphate (2:1 Water Soluble) as SO4					g/l	< 0.01	< 10																						< 0.01
Antimony			7500	EIC	mg/kg	2.7	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	2.4	< 2	< 2	< 2	3.4	4	2.5	2.8	4.4	3.6	3	< 2	< 2	< 2	2.5
Arsenic	37	C4SL	640	C4SL	mg/kg	27	7.9	18	19	13	19	20	21	23	25	19	35	16	28	30	26	30	28	22	16	13	28	29	18
Barium			22000	EIC	mg/kg			82	83	86	200	90	130	120	150	32	25	87	140	200	120	110	120	98	88	65	33	120	
Cadmium	22	C4SL	410	C4SL	mg/kg	2.4	1.6	2.1	1.6	1.6	1.1	2	1.5	1.5	1.6	0.73	1	1	1.6	2	2	2.4	2.1	2.2	1.1	0.78	2.9	1.4	2.5
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg			13	21	6	16	17	24	26	24	21	25	21	14	16	20	20	22	17	37	30	15	16	
Chromium	910	S4UL	8600	S4UL	mg/kg	19	18																						22
Copper	2400	S4UL	68000	S4UL	mg/kg	31	13	22	29	12	26	28	29	30	33	37	59	23	32	37	31	34	35	33	27	22	28	32	36
Lead	200	C4SL	2300	C4SL	mg/kg	27	27	19	22	18	60	30	21	26	48	25	18	27	80	98	37	30	33	26	31	18	41	62	63
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.21	0.1	< 0.05	< 0.05	0.07	0.05	0.09	0.06	0.06	0.07	< 0.05	0.05	0.06	0.1	0.1	0.12	0.07	0.08	0.05	0.05	< 0.05	0.07	0.07	0.16
Molybdenum			17000	EIC	mg/kg	4.4	2.1	3.4	3.8	< 2	2.1	3.5	3.8	3.8	3.6	9.7	17	2.4	5.1	6.2	3.6	5.9	7.1	5.9	3.3	< 2	6.7	5.6	4.6
Nickel	130	S4UL	980	S4UL	mg/kg	50	25	35	52	16	29	45	55	56	59	59	85	39	51	60	49	64	58	49	49	44	45	56	47
Selenium	250	S4UL	12000	S4UL	mg/kg	0.7	0.49	0.32	3.5	< 0.2	0.21	0.72	2.3	1.9	1.7	1.1	2	1.4	2.5	3.5	0.61	0.66	2.9	3.7	0.41	1	2.9	2.9	1.2
Vanadium	410	S4UL	9000	S4UL	mg/kg	16	30																						36
Zinc	3700	S4UL	730000	S4UL	mg/kg	74	49	81	81	19	220	72	75	76	110	38	40	64	110	120	80	84	82	92	81	62	80	96	110
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	20	31	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	20	31	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	44	44	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	44	44	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	64	75	< 10	< 10	< 10	< 10	< 10
TPH >C10-40					mg/kg																								< 10
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.99	1.4	0.6	< 0.05	< 0.05	< 0.05	< 0.5
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	0.067	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.17	< 0.05	0.16	< 0.05	< 0.05	< 0.05	< 0.5
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Benzo[a]pyrene	**5**	C4SL	77	C4SL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Benzo[b]fluoranthene	**2.6**	S4UL	44	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Dibenz(a,h)Anthracene	**0.24**	S4UL	3.5	S4UL	mg/kg	**< 0.5**	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	0.42	< 0.05	0.18	< 0.05	0.084	0.065	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.05	0.12	< 0.05	< 0.05	< 0.05	< 0.5
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.27	0.38	0.23	< 0.05	< 0.05	< 0.05	< 0.5
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Naphthalene	**2.3**	S4UL	190	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	2	**3.1**	0.92	< 0.05	< 0.05	< 0.05	< 0.5
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	0.16	< 0.05	0.17	< 0.05	< 0.05	0.054	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.17	0.16	0.16	< 0.05	< 0.05	< 0.05	< 0.5
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.5	< 0.01	< 0.01	< 0.01	< 0.05	0.45	< 0.05	0.16	< 0.05	0.095	0.093	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	0.084	0.087	< 0.05	< 0.05	< 0.05	< 0.5
PAH, Total Detected USEPA 16					mg/kg	< 0.2	< 0.2																						< 2
Coronene					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Total Of 17 PAH's					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2	1.1	< 0.2	0.51	< 0.2	< 0.2	0.23	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	4	5.4	2.4	< 0.2	< 0.2	< 0.2	< 2
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Total BTEX					mg/kg																								< 0.01
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	**0.4**	S4UL	30	S4UL	mg/kg	**< 0.5**	**< 0.5**			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2-Chlorotoluene					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg																		< 0	< 0	< 0	< 0	< 0	< 0	

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 04/04/2019 - 25/02/2021

Works Area						NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD TUNNEL
Sample Date						17/04/2019	17/09/2019	14/12/2020	14/12/2020	04/01/2021	14/01/2021	15/01/2021	15/01/2021	15/01/2021	19/01/2021	19/01/2021	19/01/2021	20/01/2021	20/01/2021	20/01/2021	10/02/2021	10/02/2021	24/02/2021	24/02/2021	24/02/2021	25/02/2021	25/02/2021	25/02/2021	11/06/2019
Location						NBH12	NBH202	ATP34	ATP34	ABH18	ABH18	ABH20	ABH20	ABH20	ABH20	ABH20	ABH20	ABH18	ABH18	ABH18	ATP35	ATP35	ABH19	ABH19	ABH19	ABH19	ABH19	ABH19	NBH73
Top Depth (m)						1	0.5	1	2.5	0.5	2	0.5	2	4	7.45	18.7	22.75	9	11.5	21.8	0.5	1.5	0.5	2	3	10	13	23	0.5
Base Depth (m)						1	0.5																						0.5
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2-Methylnaphthalene					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2-Nitroaniline					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
3-Nitroaniline					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
4-Bromophenylphenyl Ether					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
4-Chloroaniline					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
4-Chlorophenylphenylether					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
4-Nitroaniline					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Azobenzene					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Carbazole					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Dibenzofuran					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Dimethylphthalate					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg	**< 0.5**	**< 0.5**			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**
Hexachlorocyclopentadiene					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg	**< 0.5**	**< 0.5**			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**
Isophorone					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Nitrobenzene					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
N-Nitrosodimethylamine					mg/kg	< 0.5				< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
N-Nitrosodi-N-propylamine					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
SVOC TIC					mg/kg							< 0	< 0										< 0	< 0	< 0	< 0	< 0	< 0	
2,4,5-Trichlorophenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2,4,6-Trichlorophenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2,4-Dichlorophenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2-Chlorophenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2-Methylphenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
2-Nitrophenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
4-Chloro-3-Methylphenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
4-Methylphenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
4-Nitrophenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg	**< 0.5**	**< 0.5**			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.5	< 0.5			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5
PCB 28 (Trichlorobiphenyl)					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 52 (Tetrachlorobiphenyl)					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 101 (Pentachlorobiphenyl)					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 138 (Hexachlorobiphenyl)					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 153 (Hexachlorobiphenyl)					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 180 (Heptachlorobiphenyl)					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Pcb, Total Of 7 Congeners					mg/kg			< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 81					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 105					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 114					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 123					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 126					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 156					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 157					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 167					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 169					mg/kg	< 0.01	< 0.01																						< 0.01
PCB 189					mg/kg	< 0.01	< 0.01																						< 0.01
Total PCBs (12 Congeners)					mg/kg	< 0.12	< 0.12																						< 0.12
Aldrin	5.7	S4UL	170	S4UL	mg/kg							< 0.2	< 0.2																
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg							< 0.2	< 0.2																
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg							**< 0.2**	**< 0.2**																
Delta-Bhc					mg/kg							< 0.2	< 0.2																
Alpha-Chlordane					mg/kg							< 0.2	< 0.2																
Gamma-Chlordane					mg/kg							< 0.2	< 0.2																
Dieldrin	0.97	S4UL	170	S4UL	mg/kg							< 0.2	< 0.2																
Endosulfan Sulfate					mg/kg							< 0.2	< 0.2																
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg							< 0.2	< 0.2																
Endosulfan II	7	S4UL	6300	S4UL	mg/kg							< 0.2	< 0.2																
Endrin					mg/kg							< 0.2	< 0.2																
Endrin Aldehyde					mg/kg							< 0.2	< 0.2																
Endrin Ketone					mg/kg							< 0.2	< 0.2																
gamma-BHC (Lindane)					mg/kg							< 0.2	< 0.2																
4,4'-DDD					mg/kg							< 0.2	< 0.2																
4,4'-DDE					mg/kg							< 0.2	< 0.2																
4,4'-DDT					mg/kg							< 0.2	< 0.2																
Guthion (Azinphos-methyl)					mg/kg							< 0.2	< 0.2																
Coumaphos					mg/kg							< 0.2	< 0.2																
Demeton-S					mg/kg							< 0.2	< 0.2																
DISULFOTON					mg/kg							< 0.2	< 0.2																
Fensulfothion					mg/kg							< 0.2	< 0.2																
Fenthion					mg/kg							< 0.2	< 0.2																
Heptachlor					mg/kg							< 0.2	< 0.2																
Heptachlor Epoxide					mg/kg							< 0.2	< 0.2																
Methoxychlor					mg/kg							< 0.2	< 0.2																
PHORATE					mg/kg							< 0.2	< 0.2																
Sulprofos					mg/kg							< 0.2	< 0.2																
Tokuthion					mg/kg							< 0.2	< 0.2																
Trichloronate					mg/kg							< 0.2	< 0.2																
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLOROPROP)					mg/kg																								
2,4,5-T					mg/kg																								
Ametryn					mg/kg							< 0.2	< 0.2																
Atraton					mg/kg							< 0.2	< 0.2																
Atrazine	3.3	S4UL	9300	S4UL	mg/kg							< 0.2	< 0.2																
Chlortoluron					mg/kg							< 1	< 1																
Diuron					mg/kg							< 1	< 1																
Isoproturon					mg/kg							< 1	< 1																
Linuron					mg/kg							< 1	< 1																
MCPA					mg/kg																								
MCPB					mg/kg																								
MCPP (MECOPROP)					mg/kg																								
Methabenzthiazuron					mg/kg							< 1	< 1																
Monuron					mg/kg							< 1	< 1																
Prometon					mg/kg							< 0.2	< 0.2																
Prometryne					mg/kg							< 0.2	< 0.2																
Propazine					mg/kg							< 0.2	< 0.2																
Secbumeton					mg/kg							< 0.2	< 0.2																
Simazine					mg/kg							< 0.2	< 0.2																
Simetryn					mg/kg							< 0.2	< 0.2																
Terbuthylazine					mg/kg							< 0.2	< 0.2																
Terbutryn					mg/kg							< 0.2	< 0.2																

JACOBS
IDOM

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	NORTHWOOD TNL <250	NORTHWOOD TNL <250	NORTHWOOD TNL <250	NORTHWOOD TNL <250	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION
					Sample Date	17/04/2019	17/04/2019	13/01/2021	13/01/2021	18/11/2019	04/01/2021	05/01/2021	05/01/2021	05/01/2021	05/01/2021	06/01/2021	08/01/2021	08/01/2021	11/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	13/01/2021	14/01/2021
					Location	NBH80	NBH80	ABH21	ABH21	NBH203A	ABH23	ABH23	ABH23	ABH24A	ABH25	ABH25	ABH23	ABH23	ABH23	ABH24B	ABH24B	ABH25	ABH25	ATP36	ATP36	ATP37	ATP37	ABH25	ABH24B
					Top Depth (m)	0.3	1.2	18.4	23.9	0.5	0.5	2	5.5	1.5	0.5	1.7	10.5	19.24	29.7	0.7	1.8	8.7	20.5	0.25	1.8	1.8	2.6	27.22	4.8
					Base Depth (m)	0.3	1.2			0.5																			
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Containing Material.					-	Fibres/Clumps	Fibres/Clumps																						
Asbestos Identification.					%	Amosite	Amosite			No Asbestos Detected	No result			No result	No result	No result				No result	No result			No result	No result	No result	No result		
Total Asbestos					%	<0.001	<0.001																						
Moisture					%	12	13			3.6																			
pH					pH UNITS	8.2	8.2	8.5	8.7	9.2	8.5	8.8	8.8	8.3	8.4	8.7	8.5	8.9	9.2	8.8	8.8	8.6	8.9	10.6	8.8	8.6	8.6	8.8	8.6
Total Organic Matter					%	1.5	1.1			2.2																			
Total Organic Carbon					%	1.4		0.96	1.1		1.1	0.83	0.58	0.62	2.3	0.5	0.66	0.73	2.2	0.36	0.77	1	0.78	0.58	0.77	0.56	0.64	2.4	0.59
Undried Mass of Test Portion					g	204																							
Cyanide (Total)					mg/kg	< 0.5	< 0.5			< 0.5																			
Loss on ignition					%	3.1		3	3.4		4.9	3.2	2.3	2.4	6.5	3.3	2.5	1.9	0.45	2.2	2.6	2.2	1.1	2.7	3	2.9	3.3	3	2
Chloride					mg/kg	38																							
Fluoride					mg/kg	3.3																							
Sulphate (2:1 Water Soluble) as SO4					g/l	0.024	0.024			0.029																			
Sulphate (acid soluble as SO4)					%																								
Sulphide					mg/kg																								
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg	2.2	< 2	< 2	< 2	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	2	< 2	< 2	3	3.2	2.7	< 2	< 2	2	2.3	4.6	< 2	2
Arsenic	37	C4SL	640	C4SL	mg/kg	28	26	17	13	20	15	18	21	21	16	16	25	28	18	19	24	23	36	19	18	23	17	19	24
Barium			22000	EIC	mg/kg	< 0.5		38	37		150	53	81	61	50	49	92	51	29	58	96	100	43	67	88	71	50	20	96
Beryllium	1.7	S4UL	12	S4UL	mg/kg																								
Boron (Water soluble)					mg/kg																								
Cadmium	22	C4SL	410	C4SL	mg/kg	1.9	2.3	0.6	0.6	< 0.1	3.8	2.1	1.6	0.95	1.2	2.2	1.7	1.9	1.7	1.8	2.3	1.6	2	1.2	2.1	2.3	1.5	0.84	1.3
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg			< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg			20	10		6.5	14	16	10	5.1	5.7	21	20	9.8	13	18	17	40	14	14	17	13	22	17
Chromium	910	S4UL	8600	S4UL	mg/kg	16	15			11																			
Copper	2400	S4UL	68000	S4UL	mg/kg	26	24	30	21	14	30	28	24	14	19	12	33	25	17	27	33	30	28	25	26	33	25	19	30
Lead	200	C4SL	2300	C4SL	mg/kg	29	20	27	12	22	41	14	21	12	31	12	20	16	5.6	18	22	20	31	29	19	22	16	12	29
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.23	0.21	< 0.05	< 0.05	< 0.5	0.16	0.05	< 0.05	< 0.05	0.12	< 0.05	0.07	0.06	< 0.05	0.05	0.06	0.06	0.16	< 0.05	< 0.05	< 0.05	0.06	< 0.05	0.07
Molybdenum			17000	EIC	mg/kg	4.2	4.2	4.5	4	< 0.5	2.2	5.4	4.6	< 2	< 2	2.2	5.8	3.5	18	4.2	6.7	5.4	< 2	2.4	4.9	5.8	5.6	4.6	4.7
Nickel	130	S4UL	980	S4UL	mg/kg	41	42	56	49	41	34	45	40	21	14	31	57	46	45	47	53	47	87	30	44	55	39	42	44
Selenium	250	S4UL	12000	S4UL	mg/kg	< 0.01	0.98	5.1	2.4	< 0.2	< 0.2	1.8	2.3	0.39	< 0.2	< 0.2	3	0.72	3.8	0.49	5.7	3.3	0.39	0.53	7.4	1.5	4.7	1.3	2.6
Vanadium	410	S4UL	9000	S4UL	mg/kg	15	15			12																			
Zinc	3700	S4UL	730000	S4UL	mg/kg	59	55	27	23	28	48	61	63	36	37	22	71	50	62	66	81	61	140	65	63	77	57	30	69
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	80	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	17	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	98	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	410	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	69	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	480	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	580	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH >C10-40					mg/kg	< 10																							
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.5	< 0.5	0.15	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.5	< 0.5	0.58	0.062	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.05
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.5	< 0.5	1.6	0.19	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.25	< 0.05
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.5	< 0.5	1.6	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.23	< 0.05
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.5	< 0.5	1.9	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.27	< 0.05
benzo(b,k)fluoranthene					mg/kg																								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.5	< 0.5	0.89	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.5	< 0.5	0.69	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.12	< 0.05
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.5	< 0.5	1.5	0.16	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.26	< 0.05
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.5	< 0.5	0.18	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.5	< 0.5	4	0.38	< 0.01	< 0.05	< 0.05	< 0.05	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	0.6	< 0.05
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.5	< 0.5	0.14	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.5	< 0.5	0.99	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.5	< 0.5	0.28	< 0.05	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.5	< 0.5	2.1	0.21	< 0.01	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	0.35	< 0.05
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.5	< 0.5	3.4	0.34	< 0.01	< 0.05	< 0.05	< 0.05	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05	< 0.05	< 0.05	< 0.05	0.53	< 0.05
PAH, Total Detected USEPA 16					mg/kg	< 2	< 0.2			< 0.2																			
Coronene					mg/kg			< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's					mg/kg			20	1.3	< 0.2	< 0.2	< 0.2	< 0.2	0.47	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.42	< 0.2	< 0.2	< 0.2	< 0.2	2.7	< 0.2
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0087	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg																								
Total BTEX					mg/kg	< 0.01																							
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0017	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg																								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg																								
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene					mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether					mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline					mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether					mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene					mg/kg	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

							NORTHWOOD TNL	NORTHWOOD TNL	NORTHWOOD TNL	NORTHWOOD TNL	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION
						Works Area	<250	<250	<250	<250	<250																		
						Sample Date	17/04/2019	17/04/2019	13/01/2021	13/01/2021	18/11/2019	04/01/2021	05/01/2021	05/01/2021	05/01/2021	05/01/2021	06/01/2021	08/01/2021	08/01/2021	11/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	13/01/2021	14/01/2021
						Location	NBH80	NBH80	ABH21	ABH21	NBH20A	ABH23	ABH23	ABH23	ABH24A	ABH25	ABH24B	ABH23	ABH23	ABH23	ABH24B	ABH24B	ABH25	ABH25	ATF36	ATF36	ATF37	ATF37	ABH25	ABH24B
						Top Depth (m)	0.3	1.2	18.4	23.9	0.5	0.5	2	5.5	1.5	0.5	1.7	10.5	19.24	29.7	0.7	1.8	8.7	20.5	0.25	1.8	1.8	2.6	27.22	4.8
						Base Depth (m)	0.3	1.2			0.5																			
Bis(2-Chloroethoxy)Methane					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	0.2	EIC	22	EIC	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC					mg/kg																									
2,4,5-Trichlorophenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1-naphthol					mg/kg																									
2,3,5-trimethyl phenol					mg/kg																									
2-Isopropylphenol					mg/kg																									
Catechol					mg/kg																									
2-Methyl-4,6-Dinitrophenol					mg/kg		< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Resorcinol					mg/kg																									
Total cresols					mg/kg																									
Total Phenols					mg/kg																									
Xylenols					mg/kg																									
Propylene Glycol					mg/kg																									
Ethylene Glycol					mg/kg																									
Diethylene Glycol					mg/kg																									
Triethylene Glycol					mg/kg																									
Dipropylene Glycol					mg/kg																									
Total Glycol					mg/kg																									
Methanol					mg/kg																									
Ethanol					mg/kg																									
Isopropyl Alcohol					mg/kg																									
n-Propanol					mg/kg																									
n-Butyl Alcohol					mg/kg																									
n-Pentyl Alcohol					mg/kg																									
n-Hexyl alcohol					mg/kg																									
n-Heptyl alcohol					mg/kg																									
METHYL ACETATE					mg/kg																									
Ethyl acetate					mg/kg																									
n-Propyl acetate					mg/kg																									
n-Propyl acetate					mg/kg																									
n-Butyl Acetate					mg/kg																									
PCB 28 (Trichlorobiphenyl)					mg/kg				< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg				< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg				< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg											49.9									70	17.7				
PCB 138 (Hexachlorobiphenyl)					mg/kg				< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg				< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg				< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg		< 0.1		< 0.1	< 0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 77					ng/kg										< 0.1										0.207	< 0.1				
PCB 81					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 81					ng/kg										< 0.12										17.3	2.77				
PCB 105					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 105					ng/kg										20.7										30.6	8.34				
PCB 114					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 114					ng/kg										0.508										1.37	0.557				
PCB 123					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 123					ng/kg										0.834										0.879	0.199				
PCB 126					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 126					ng/kg										< 1.03										< 0.54	< 0.54				
PCB 156					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 156					ng/kg										7.04										14.9	3.29				
PCB 157					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 157					ng/kg										1.76										5.21	0.83				
PCB 167					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 167					ng/kg										2.89										7.21	1.23				
PCB 169					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 169					ng/kg										< 0.02										< 0.03	< 0.02				
PCB 189					mg/kg		< 0.01	< 0.01			< 0.01																			
PCB 189					ng/kg										0.534										4.48	0.433				
Total PCBs (12 Congeners)					mg/kg		< 0.12	< 0.12			< 0.12																			
Aldrin	5.7	S4UL	170	S4UL	mg/kg																									
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																									
Beta-Bhc	0.085	S4UL	65	S4UL	mg/kg																									
Delta-Bhc					mg/kg																									
Alpha-Chlordane					mg/kg																									
Gamma-Chlordane					mg/kg																									
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																									
Endosulfan Sulfate					mg/kg																									
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																									
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																									
Endrin					mg/kg																									
Endrin Aldehyde					mg/kg																									
Endrin Ketone					mg/kg																									
gamma-BHC (Lindane)					mg/kg																									
4,4'-DDD					mg/kg																									
4,4'-DDE					mg/kg																									
4,4'-DDT					mg/kg																									
p,p'-Methoxychlor					mg/kg																									
Guthion (Azinphos-methyl)					mg/kg																									
Coumaphos					mg/kg																									
Dsmeton-S					mg/kg																									
Diazinon					mg/kg																									
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																									
DISULFOTON					mg/kg																									
Ethion					mg/kg																									
Fenitrothion					mg/kg																									
Fensulfothion					mg/kg																									
Fenthion					mg/kg																									
Heptachlor					mg/kg																									
Heptachlor Epoxide					mg/kg																									
Malathion					mg/kg																									
Methoxychlor					mg/kg																									
PARATHION, METHYL					mg/kg																									
Mevinphos					mg/kg																									
PHORATE					mg/kg																									
Sulprofos					mg/kg																									
Tokuthion					mg/kg																									
Trichloronate					mg/kg																									
2,4-Dichlorophenoxyacetic acid					mg/kg																									
2,4-DP (DICHLORPROP)					mg/kg																									
2,4,5-T					mg/kg																									
Ametryn					mg/kg																									
Atraton					mg/kg																									
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																									
Chlortoluron					mg/kg																									
Diuron					mg/kg																									
Isoproturon					mg/kg																									
Linuron					mg/kg																									
MCPA					mg/kg																									
MCPB					mg/kg																									
MCPP (MECOPROP)					mg/kg																									
Methabenzthiazuron					mg/kg																									
Monuron					mg/kg																									
Prometon					mg/kg																									
Prometryne					mg/kg																									
Propazine					mg/kg																									
Secbumeton					mg/kg																									
Simazine					mg/kg																									
Simetryn					mg/kg																									
Terbuthylazine					mg/kg																									
Terbutryn					mg/kg																									
1,2,3,7,8-PeCDD																														
1,2,3,7,8-PeCDF																														
1,2,3,6,7,8-HxCDD																														
1,2,3,7,8,9-HxCDD																														
1,2,3,7,8,9-HxCDF																														
1,2,3,4,7,8-HxCDD																														
1,2,3,4,7,8-HxCDF																														
1,2,3,4,6,7,8-HpCDD																														
1,2,3,4,7,8,9-HpCDF																														
Total 2,3,7,8-Furans																														
Total 2,3,7,8-Dioxins																														

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STN <250	BALLYMUN STN <250	BALLYMUN STN <250	BALLYMUN STN <250	BALLYMUN STN <250	BALLYMUN STN <250	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION
					Sample Date	14/01/2021	15/01/2021	15/01/2021	18/06/2019	18/06/2019	20/06/2019	07/10/2019	07/10/2019	19/01/2021	23/09/2019	23/09/2019	26/09/2019
					Location	ABH24B	ABH24B	ABH24B	NBH101	NBH101	NBH101	NBH204	NBH204	ABH22	NBH207	NBH207	NBH206
					Top Depth (m)	17	22	27	0.5	1	2.5	0.4	1	16.7	0.5	1	0.5
					Base Depth (m)				0.5	1	2.5	0.4	1		0.5	1	0.5
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units												
Asbestos by Gravimetry.					%										0.002		0.003
Asbestos Containing Material.					-										Free Fibres		Fibres/ Clumps
Asbestos Identification.					%				No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		Chrysotile	No Asbestos Detected	Chrysotile
Total Asbestos					%										0.002		0.003
Moisture					%				14	9.1	10	7.7	13		12	8	11
pH					pH UNITS	9.1	8.3	8.6	8.3	8.4	9.8	11.8	9.4	9	8.3	8.5	8.1
Total Organic Matter					%				2.2	1.9	0.62	< 0.4	0.6		3.8	0.76	8.3
Total Organic Carbon					%	0.61	3	2		0.99				0.39			
Undried Mass of Test Portion					g					198							
Cyanide (Total)					mg/kg				< 0.5	1.1	1.3	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Loss on ignition					%	1	3.9	2.2		3.3				3.7			
Chloride					mg/kg					12							
Fluoride					mg/kg					4.8							
Sulphate (2:1 Water Soluble) as SO4					g/l				< 0.01	< 0.01	0.076	0.22	0.016		< 10	< 10	< 10
Sulphate (acid soluble as SO4)					%												
Sulphide					mg/kg												
Total Sulphur					%												
Antimony			7500	EIC	mg/kg	< 2	< 2	< 2	2.8	< 2	< 0.01	< 0.1	< 0.1	2.6	< 0.1	< 0.1	2.5
Arsenic	37	C4SL	640	C4SL	mg/kg	33	10	8.1	23	14	12	35	32	17	21	22	29
Barium			22000	EIC	mg/kg	67	48	18		< 0.5				100			
Beryllium	1.7	S4UL	12	S4UL	mg/kg												
Boron (Water soluble)					mg/kg												
Cadmium	22	C4SL	410	C4SL	mg/kg	2.6	5.6	1.1	2	1.9	1.5	0.95	2.4	1.1	2.3	1.6	1.9
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5	< 0.5						< 0.5			
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	17	11	9.9						26			
Chromium	910	S4UL	8600	S4UL	mg/kg				20	12	12	32	18		21	13	25
Copper	2400	S4UL	68000	S4UL	mg/kg	20	56	33	41	21	20	19	25	26	30	19	55
Lead	200	C4SL	2300	C4SL	mg/kg	19	15	13	83	43	16	18	18	26	47	22	180
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.06	< 0.05	< 0.05	0.71	0.51	0.23	< 0.5	< 0.5	0.1	0.21	< 0.5	0.91
Molybdenum			17000	EIC	mg/kg	3.2	14	7.1	3.9	2.6	2.9	< 0.5	3.8	2.8	3.6	3.9	3.7
Nickel	130	S4UL	980	S4UL	mg/kg	30	92	74	44	29	27	31	49	45	42	34	53
Selenium	250	S4UL	12000	S4UL	mg/kg	0.88	2.6	2.5	1.4	1	0.7	< 0.2	< 0.2	0.66	1.1	1.9	0.76
Vanadium	410	S4UL	9000	S4UL	mg/kg				37	20	19	27	27		25	20	16
Zinc	3700	S4UL	730000	S4UL	mg/kg	76	230	38	110	150	42	60	63	92	120	59	130
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	2.1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	12	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	52	< 1	< 1	< 1	< 1	< 1	9.6
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	76	< 1	< 1	< 1	< 1	< 1	7.5
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	27	24	300	< 1	< 1	< 1	18	< 1	120
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	27	24	440	< 5	< 5	< 5	18	< 5	130
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg												
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	15	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	47	< 1	< 1	< 1	< 1	< 1	5.2
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	10	< 1	< 1	< 1	< 1	< 1	4.6
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	45	54	51	< 1	< 1	< 1	3.2	< 1	120
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	45	54	120	< 5	< 5	< 5	< 5	< 5	130
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	72	78	560	< 10	< 10	< 10	21	< 10	260
TPH >C10-40					mg/kg					3400							
PRO					mg/kg												
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	0.37	< 0.01	0.43
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	0.24	< 0.01	0.14
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	0.44	< 0.01	0.17
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	1.3	0.89	1.8
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	1.1	0.56	2
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	1.3	0.87	2.6
benzo(b,k)fluoranthene					mg/kg												
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	1	0.24	1.8
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	0.69	0.47	1
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	1.6	0.88	2.5
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	0.66	0.24	0.27
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.51	< 0.5	< 0.5	< 0.01	< 0.01	0.08	2.2	0.69	3.1
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	0.24	< 0.01	0.13
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	0.76	0.29	1.2
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	0.38	< 0.01	0.29
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.01	< 0.01	< 0.05	1.1	< 0.01	1.5
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.86	< 0.5	< 0.5	< 0.01	< 0.01	0.086	2.2	0.89	3.4
PAH, Total Detected USEPA 16					mg/kg				1.4	< 2	< 2	< 0.2	< 0.2		16	6	22
Coronene					mg/kg	< 0.01	< 0.01	< 0.01						< 0.01			
Total Of 17 PAH's					mg/kg	< 0.2	< 0.2	< 0.2			< 2	< 0.2	< 0.2	< 0.2	16	6	22
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0013	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0047	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.006	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg												
Total BTEX					mg/kg					< 0.01							
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0058	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001			
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg												
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0023	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0011	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg												
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
2-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
3-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
4-Chloroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
4-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5
Azobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5

Works Area	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION
Sample Date	26/09/2019	19/01/2021	19/01/2021	20/01/2021	20/01/2021	20/01/2021	21/01/2021	21/01/2021	21/01/2021	22/01/2021	22/01/2021	22/01/2021
Location	NBH206	ABH27	ABH27	ABH28	ABH28	ABH28	ABH29	ABH29	ABH29	ABH27	ABH27	ATP38
Top Depth (m)	1	1	3	0.5	2	4	1	2.5	3.5	9	18.3	0.6
Base Depth (m)	1											
Analyte												
Asbestos by Gravimetry.												
Asbestos Containing Material.												
Asbestos Identification.	No Asbestos Detected	No result	No result	No result	No result		No result	No result				No result
Total Asbestos												No result
Moisture	5.9											
pH	8.5	8.8	8.9	8.9	8.9	8.7	8.9	10.1	8.7	8.7	8.9	8.7
Total Organic Matter	0.86											
Total Organic Carbon		0.36	0.31	0.76	0.63	0.52	1.3	0.45	0.63	0.48	0.45	0.87
Undried Mass of Test Portion												
Cyanide (Total)	< 0.5											
Loss on ignition		2.5	2.6	3.4	2.9	4	2.7	3.5	5	3.4	4.7	4.5
Chloride												
Fluoride												
Sulphate (2:1 Water Soluble) as SO4	< 10											
Sulphate (acid soluble as SO4)												
Sulphide												
Total Sulphur												
Antimony	2	2	2.1	3.2	2.7	2.4	< 2	< 2	< 2	< 2	< 2	< 2
Arsenic	19	25	24	22	18	17	19	16	17	22	28	17
Barium		80	67	66	79	74	94	65	88	130	200	79
Beryllium												
Boron (Water soluble)												
Cadmium	1.6	10	2.5	1.7	2	1.7	4.6	1.4	2	0.87	1.4	1.7
Chromium, Hexavalent (Cr6+)		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)		16	18	17	14	12	18	13	13	22	14	12
Chromium	12											
Copper	20	26	33	31	25	21	26	19	23	25	18	24
Lead	32	20	24	38	20	18	45	17	18	29	43	78
Mercury	0.39	0.05	0.07	0.19	0.05	0.05	0.14	0.05	0.05	0.07	0.06	0.11
Molybdenum	3.4	5.3	5	3.6	4.8	4.6	3.3	3.6	4.8	2.5	5.8	3.4
Nickel	34	48	56	38	44	37	35	34	40	36	51	38
Selenium	0.21	3.8	0.21	0.31	5.3	2.7	0.44	2.2	3	0.91	2.8	0.45
Vanadium	11											
Zinc	44	190	78	75	62	48	65	49	73	74	110	62
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.4	< 1
Aliphatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	< 1	< 1	< 1	< 1	< 1	< 1	20	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	< 5	< 5	< 5	< 5	< 5	< 5	20	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7												
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	13	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	< 1	< 1	< 1	< 1	< 1	< 1	150	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	< 5	< 5	< 5	< 5	< 5	< 5	160	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	< 10	< 10	< 10	< 10	< 10	< 10	180	< 10	< 10	< 10	< 10	< 10
TPH >C10-40												
PRO												
Acenaphthene	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.08	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.17	< 0.05	< 0.05	0.18	0.067	< 0.05
Benzo[a]anthracene	< 0.01	< 0.05	< 0.05	0.063	< 0.05	< 0.05	0.72	< 0.05	< 0.05	0.45	0.16	0.11
Benzo[a]pyrene	< 0.01	< 0.05	< 0.05	0.083	< 0.05	< 0.05	0.88	< 0.05	< 0.05	0.44	0.16	< 0.05
Benzo[b]fluoranthene	< 0.01	< 0.05	< 0.05	0.1	< 0.05	< 0.05	1.1	< 0.05	< 0.05	0.56	0.22	< 0.05
benzo(b,k)fluoranthene												
Benzo[g,h,i]perylene	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.49	< 0.05	< 0.05	0.3	0.14	< 0.05
Benzo[k]fluoranthene	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.38	< 0.05	< 0.05	0.22	0.099	< 0.05
Chrysene	< 0.01	< 0.05	< 0.05	0.076	< 0.05	< 0.05	0.71	< 0.05	< 0.05	0.48	0.16	0.094
Dibenz(a,h)Anthracene	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.14	< 0.05	< 0.05	0.073	< 0.05	< 0.05
Fluoranthene	0.25	0.051	< 0.05	0.097	0.09	< 0.05	1.4	0.21	0.095	1	0.43	0.19
Fluorene	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.069	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.49	< 0.05	< 0.05	0.3	0.11	< 0.05
Naphthalene	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	0.13	0.14	< 0.05	< 0.05	0.061	< 0.05	0.51	0.12	0.16	0.69	0.21	< 0.05
Pyrene	0.15	< 0.05	0.06	0.081	0.083	< 0.05	1.2	0.18	0.1	0.91	0.33	0.16
PAH, Total Detected USEPA 16	0.61											
Coronene		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	0.61	0.26	< 0.2	< 0.2	< 0.2	< 0.2	5	0.55	0.38	5.6	2.1	0.55
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total												
Total BTEX												
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane												
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC												
2,4-Dinitrotoluene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STN <250	BALLYMUN STN <250	BALLYMUN STN <250	BALLYMUN STN <250	BALLYMUN STN <250	BALLYMUN STN <250	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION
					Sample Date	14/01/2021	15/01/2021	15/01/2021	18/06/2019	18/06/2019	20/06/2019	07/10/2019	07/10/2019	19/01/2021	23/09/2019	23/09/2019	26/09/2019	26/09/2019	19/01/2021	19/01/2021	20/01/2021	20/01/2021	20/01/2021	21/01/2021	21/01/2021	21/01/2021	22/01/2021	22/01/2021	22/01/2021
					Location	ABH24B	ABH24B	ABH24B	NBH101	NBH101	NBH101	NBH204	NBH204	ABH22	NBH207	NBH207	NBH206	NBH206	ABH27	ABH27	ABH28	ABH28	ABH28	ABH29	ABH29	ABH29	ABH27	ABH27	ATP38
					Top Depth (m)	17	22	27	0.5	1	2.5	0.4	1	16.7	0.5	1	0.5	1	1	3	0.5	2	4	1	2.5	3.5	9	18.3	0.6
					Base Depth (m)				0.5	1	2.5	0.4	1		0.5	1	0.5	1											
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	0.2	EIC	22	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5				< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC					mg/kg																								< 0
2,4,5-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	0.68	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1-naphthol					mg/kg																								
2,3,5-trimethyl phenol					mg/kg																								
2-isopropylphenol					mg/kg																								
Catechol					mg/kg																								
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Resorcinol					mg/kg																								
Total cresols					mg/kg																								
Total Phenols					mg/kg																								
Xylenols					mg/kg																								
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
Dipropylene Glycol					mg/kg																								
Total Glycol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
i-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01						< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01						< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01						< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg																			135	11.1				
PCB 138 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01						< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01						< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01						< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg	< 0.1	< 0.1	< 0.1		< 0.1				< 0.1					< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 77					ng/kg																			1.01	0.251				
PCB 81					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 81					ng/kg																			26.6	2.08				
PCB 105					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 105					ng/kg																			73.3	4.95				
PCB 114					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 114					ng/kg																			4.01	0.423				
PCB 123					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 123					ng/kg																			4.64	0.391				
PCB 126					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 126					ng/kg																			2.12	0.212				
PCB 156					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 156					ng/kg																			42	1.43				
PCB 157					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 157					ng/kg																			11.4	0.522				
PCB 167					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 167					ng/kg																			16.2	0.691				
PCB 169					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 169					ng/kg																			0.391	0.0757				
PCB 189					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01											
PCB 189					ng/kg																			4.12	0.228				
Total PCBs (12 Congeners)					mg/kg				< 0.12	< 0.12	< 0.12	< 0.12	< 0.12		< 0.12	< 0.12	< 0.12	< 0.12											
Aldrin	5.7	S4UL	170	S4UL	mg/kg																								
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																								
Beta-Bhc	0.085	S4UL	65	S4UL	mg/kg																								
Delta-Bhc					mg/kg																								
Alpha-Chlordane					mg/kg																								
Gamma-Chlordane					mg/kg																								
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																								
Endosulfan Sulfate					mg/kg																								
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																								
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																								
Endrin					mg/kg																								
Endrin Aldehyde					mg/kg																								
Endrin Ketone					mg/kg																								
gamma-BHC (Lindane)					mg/kg																								
4,4'-DDD					mg/kg																								
4,4'-DDE					mg/kg																								
4,4'-DDT					mg/kg																								
p,p'-Methoxychlor					mg/kg																								
Guthion (Azinphos-methyl)					mg/kg																								
Coumaphos					mg/kg																								
Demeton-S					mg/kg																								
Diazinon					mg/kg																								
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																								
DISULFOTON					mg/kg																								
Ethion					mg/kg																								
Fenitrothion					mg/kg																								
Fensulfothion					mg/kg																								
Fenthion					mg/kg																								
Heptachlor					mg/kg																								
Heptachlor Epoxide					mg/kg																								
Malathion					mg/kg																								
Methoxychlor					mg/kg																								
PARATHION, METHYL					mg/kg																								
Mevinphos					mg/kg																								
PHORATE					mg/kg																								
Sulprofos					mg/kg																								
Tokuthion					mg/kg																								
Trichloronate					mg/kg																								
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLOROPROP)					mg/kg																								
2,4,5-T					mg/kg																								
Ametryn					mg/kg																								< 0.2
Atraton					mg/kg																								< 0.2
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																								< 0.2
Chlortoluron					mg/kg																								< 1
Diuron					mg/kg																								< 1
Isoproturon					mg/kg																								< 1
Linuron					mg/kg																								< 1
MCPA					mg/kg																								
MCPB					mg/kg																								
MCPP (MECOPROP)					mg/kg																								
Methabenzthiazuron					mg/kg																								< 1
Monuron					mg/kg																								< 1
Prometon					mg/kg																								< 0.2
Prometryne					mg/kg																								< 0.2
Propazine					mg/kg																								< 0.2
Secbumeton					mg/kg																								< 0.2
Simazine					mg/kg																								< 0.2
Simetryn					mg/kg																								< 0.2
Terbuthylazine					mg/kg																								< 0.2
Terbutryn					mg/kg																								< 0.2
1,2,3,7,8-PeCDD																													
1,2,3,7,8-PeCDF																													
1,2,3,6,7,8-HxCDD																													
1,2,3,7,8,9-HxCDD																													
1,2,3,7,8,9-HxCDF																													
1,2,3,4,7,8-HxCDD																													
1,2,3,4,7,8-HxCDF																													
1,2,3,4,6,7,8-HpCDD																													
1,2,3,4,7,8,9-HpCDF																													
Total 2,3,7,8-Furans																													
Total 2,3,7,8-Dioxins																													

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units	COLLINS AVE STATION 22/01/2021 ATP38 2.4	COLLINS AVE STATION 22/01/2021 ATP39 0.9	COLLINS AVE STATION 22/01/2021 ATP39 1.7	COLLINS AVE STATION 25/01/2021 ABH27 24.8	COLLINS AVE STATION 25/01/2021 ABH27 29.1	COLLINS AVE STATION 26/01/2021 ABH28 14.8	COLLINS AVE STATION 26/01/2021 ABH28 21.2	COLLINS AVE STATION 27/01/2021 ABH28 27	COLLINS AVE STATION 28/01/2021 ABH29 6.2	COLLINS AVE STATION 28/01/2021 ABH29 11.3	COLLINS AVE STATION 29/01/2021 ABH29 26.5	COLLINS AVE STN <250 16/05/2007 MGI/BH/603 1 1	COLLINS AVE STN <250 20/06/2019 NBH102 1 1	ALBERT COLLEGE PARK 25/11/2019 NBH208 0.5 0.5	ALBERT COLLEGE PARK 27/01/2020 NBH208 6.8 6.8	ALBERT COLLEGE PARK 27/01/2021 ABH30i 0.5	ALBERT COLLEGE PARK 27/01/2021 ABH30i 1	ALBERT COLLEGE PARK 27/01/2021 ABH30i 2	ALBERT COLLEGE PARK 27/01/2021 ABH30i 5	ALBERT COLLEGE PARK 02/02/2021 ABH30i 13	ALBERT COLLEGE PARK 02/02/2021 ABH30i 28	ALBERT COLLEGE PARK 09/02/2021 ATP39i 0.5	ALBERT COLLEGE PARK 09/02/2021 ATP39i 1.5	ALBERT COLLEGE <250 22/05/2007 MGI/BH/604 1 1
Asbestos by Gravimetry.					%	No result																							
Asbestos Containing Material.					-																								
Asbestos Identification.					%	No result	No result	No result										No Asbestos Detected	No Asbestos Detected		No result	No result					No result		
Total Asbestos					%		No result	No result																					
Moisture					%												10.3	11	13										
pH					pH UNITS	8.8	8.8	8.8	9.4	9.2	9.9	9.1	9	9	9	9.1		10.1	8.4	8.5	8.8	8.7	8.8	8.6	9.1	8.8	8.9	8.9	
Total Organic Matter					%													0.91	1.5	0.53									
Total Organic Carbon					%	0.39	0.21	0.42	3	0.82	< 0.2	0.56	0.49	0.67	0.98	0.37					0.31	0.31	0.37	0.5	0.32	2.5	0.46	0.31	
Undried Mass of Test Portion					g																								
Cyanide (Total)					mg/kg													< 0.5	< 0.5										
Loss on ignition					%	3.2	3.3	1.8	3.1	12	1.8	3.6	3.6	2.9	2.2	2.6					2.5	2.4	2.2	1.5	1.6	1.1	2.2	2	
Chloride					mg/kg																								
Fluoride					mg/kg																								
Sulphate (2:1 Water Soluble) as SO4					g/l													0.21	0.036	0.014									
Sulphate (acid soluble as SO4)					%																								
Sulphide					mg/kg																								
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg	2	< 2	2.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2		4.2	3.8		4.3	< 2	< 2	< 2	< 2	6.4	3.2	2.7	
Arsenic	37	C4SL	640	C4SL	mg/kg	19	18	21	20	24	24	26	28	20	17	20	< 0.5	21	27		19	17	19	18	47	24	24	28	< 0.5
Barium			22000	EIC	mg/kg	75	55	61	22	20	88	29	22	88	36	81					52	46	55	62	38	58	57	68	
Beryllium	1.7	S4UL	12	S4UL	mg/kg																								
Boron (Water soluble)					mg/kg												1												< 1
Cadmium	22	C4SL	410	C4SL	mg/kg	1.9	2	2.1	< 0.1	0.34	1.4	0.5	0.13	1.6	0.95	0.34	2	1.7	2.5		2	1.7	2	1.2	3.2	3.7	2.6	2.6	2
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	12	12	13	8.6	10	17	12	14	15	10	23					14	13	14	18	11	6.7	18	16	
Chromium	910	S4UL	8600	S4UL	mg/kg												20	16	15										21
Copper	2400	S4UL	68000	S4UL	mg/kg	25	25	26	54	36	23	21	20	26	18	33	32	26	32		25	24	26	21	15	46	41	35	35
Lead	200	C4SL	2300	C4SL	mg/kg	21	18	20	19	56	16	19	11	19	12	96	38	31	22		16	14	18	17	18	12	20	21	30
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.05	0.07	< 0.05	< 0.05	0.06	0.11	< 0.05	< 0.05	< 0.05	< 0.05	0.28	< 0.3	< 0	< 0.5		0.06	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	0.05	< 0.3
Molybdenum			17000	EIC	mg/kg	4.6	4.4	4.8	< 2	3.7	2.6	2	< 2	4	2.7	< 2		4.2	10		4.8	2.9	3.7	2.3	2.8	12	4.7	5.8	
Nickel	130	S4UL	980	S4UL	mg/kg	44	44	43	46	84	37	65	46	42	35	23	54	42	56		44	38	42	38	30	45	55	50	53
Selenium	250	S4UL	12000	S4UL	mg/kg	12	1	9.6	0.46	3.8	0.88	1.1	1.5	2.9	1.6	< 0.2	< 0.5	1.5	< 0.2		0.76	0.34	0.62	1.7	< 0.2	4.3	0.71	0.62	< 0.5
Vanadium	410	S4UL	9000	S4UL	mg/kg													24	33										
Zinc	3700	S4UL	730000	S4UL	mg/kg	62	64	65	23	54	68	32	18	66	53	90	106	67	65		63	54	64	75	300	100	78	66	106
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.1	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.1
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aromatic TPH >C6-C7					mg/kg												< 0.01												< 0.01
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.01
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.156	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.122	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	0.278	< 5	< 5		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 0.1
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0.278	< 10	< 10		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 0.1
TPH >C10-40					mg/kg																								
PRO					mg/kg												< 0.01												< 0.01
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.001	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.001
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.004	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.001
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.008	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	0.063	< 0.05	< 0.05	< 0.05	< 0.001
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.039	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	0.11	< 0.05	< 0.05	< 0.05	< 0.001
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.025	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.001
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.15	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
benzo(b,k)fluoranthene					mg/kg												0.053												< 0.001
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.003	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.001
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.057	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.14	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.044	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	0.095	< 0.05	< 0.05	< 0.05	< 0.001
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.008	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.001
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	0.053	0.053	0.05	< 0.05	0.14	0.24	0.09	0.085	0.18	< 0.05	0.05	0.05	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	0.23	< 0.05	< 0.05	< 0.05	< 0.001
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.006	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	0.063	< 0.05	< 0.05	< 0.05	< 0.001
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.076	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.011	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.001
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.007	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.001
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	0.084	< 0.05	< 0.05	< 0.05	< 0.05	0.13	0.052	< 0.05	0.21	< 0.05	< 0.05	0.045	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	0.25	< 0.05	< 0.05	< 0.05	< 0.001
Pyrene	620	S4UL	54000	S4UL	mg/kg	0.075	0.059	< 0.05	< 0.05	0.16	0.23	0.1	0.11	0.18	< 0.05	0.075	0.042	< 0.5	< 0.01		< 0.05	< 0.05	< 0.05	< 0.05	0.18	< 0.05	< 0.05	< 0.05	< 0.001
PAH, Total Detected USEPA 16					mg/kg												0.348	< 2	< 0.2										0.0085
Coronene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Total Of 17 PAH's					mg/kg	0.23	< 0.2	< 0.2	< 0.2	0.3	1.5	0.27	0.27	0.57	< 0.2	< 0.2	0.348	< 2	< 0.2		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.0085
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Xylenes, Total					mg/kg												< 0.01												< 0.01
Total BTEX					mg/kg																								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.008
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Dichloromethane	0.58	EIC	270	EIC	mg/kg																								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
VOC TIC					mg/kg																								
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
3-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
4-Chloroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
4-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Azobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

							COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STN	COLLINS AVE STN	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE
						Works Area																						
						Sample Date	22/01/2021	22/01/2021	22/01/2021	25/01/2021	25/01/2021	26/01/2021	26/01/2021	27/01/2021	28/01/2021	28/01/2021	29/01/2021	<250	20/06/2019	25/11/2019	27/01/2020	27/01/2021	27/01/2021	27/01/2021	02/02/2021	02/02/2021	09/02/2021	09/02/2021	<250
						Location	ATP38	ATP39	ATP39	ABH27	ABH27	ABH28	ABH28	ABH28	ABH29	ABH29	ABH29	MG/BH/K03	NBH102	NBH208	NBH208	ABH30	ABH30	ABH30	ABH30	ABH30	ATP39	ATP39	22/05/2007
						Top Depth (m)	2.4	0.9	1.7	24.8	29.1	14.8	21.2	27	6.2	11.3	26.5	1	1	6.8	0.5	1	1	2	5	13	28	0.5	1.5	MG/BH/604
						Base Depth (m)												1	1	6.8	<0.5								1
Bis(2-Chloroethoxy)Methane					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Bis-(2-Chloroethyl)Ether					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Bis(2-Chloroisopropyl)Ether					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Carbazole					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Dibenzofuran					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Dimethylphthalate					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachlorobenzene	1.8	S4ULL	110	S4ULL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachlorobutadiene	0.29	S4ULL	31	S4ULL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachlorocyclopentadiene					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachloroethane	0.2	EIC	22	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Isophorone					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Nitrobenzene					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
N-Nitrosodimethylamine					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
N-Nitrosodi-N-propylamine					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
SVOC TIC					mg/kg		< 0	< 0	< 0													< 0	< 0						
2,4,5-Trichlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2,4,6-Trichlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2,4-Dichlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2-Chlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
2-Nitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
4-Chloro-3-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
4-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
4-Nitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Phenol	120	S4ULL	440	S4ULL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01
Pentachlorophenol	0.22	S4ULL	400	S4ULL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
1-naphthol					mg/kg													< 0.01											< 0.01
2,3,5-trimethyl phenol					mg/kg													< 0.01											< 0.01
2-Isopropylphenol					mg/kg													< 0.01											< 0.01
Catechol					mg/kg													< 0.01											< 0.01
2-Methyl-4,6-Dinitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Resorcinol					mg/kg													< 0.01											< 0.01
Total cresols					mg/kg													< 0.01											< 0.01
Total Phenols					mg/kg													< 0.01											< 0.01
Xylenols					mg/kg													< 0.01											< 0.01
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
Dipropylene Glycol					mg/kg																								
Total Glycol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 52 (Tetrachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 101 (Pentachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 118					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 118					ng/kg																								
PCB 138 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 153 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 180 (Heptachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Pcb, Total Of 7 Congeners					mg/kg		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1					< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
PCB 77					mg/kg														< 0.01	< 0.01									
PCB 77					ng/kg																								
PCB 81					mg/kg														< 0.01	< 0.01									
PCB 81					ng/kg																								
PCB 105					mg/kg														< 0.01	< 0.01									
PCB 105					ng/kg																								
PCB 114					mg/kg														< 0.01	< 0.01									
PCB 114					ng/kg																								
PCB 123					mg/kg														< 0.01	< 0.01									
PCB 123					ng/kg																								
PCB 126					mg/kg														< 0.01	< 0.01									
PCB 126					ng/kg																								
PCB 156					mg/kg														< 0.01	< 0.01									
PCB 156					ng/kg																								
PCB 157					mg/kg														< 0.01	< 0.01									
PCB 157					ng/kg																								
PCB 167					mg/kg														< 0.01	< 0.01									
PCB 167					ng/kg																								
PCB 169					mg/kg														< 0.01	< 0.01									
PCB 169					ng/kg																								
PCB 189					mg/kg														< 0.01	< 0.01									
PCB 189					ng/kg																								
Total PCBs (12 Congeners)					mg/kg														< 0.12	< 0.12									
Aldrin	5.7	S4ULL	170	S4ULL	mg/kg													< 0.001											< 0.001
Alpha-Bhc	0.23	S4ULL	170	S4ULL	mg/kg													< 0.001											< 0.001
Beta-Bhc	0.085	S4ULL	65	S4ULL	mg/kg													< 0.001											< 0.001
Delta-Bhc					mg/kg																								
Alpha-Chlordane					mg/kg																								
Gamma-Chlordane					mg/kg																								
Dieldrin	0.97	S4ULL	170	S4ULL	mg/kg													< 0.001											< 0.001
Endosulfan Sulfate					mg/kg													< 0.001											< 0.001
Endosulfan I	7.4	S4ULL	5600	S4ULL	mg/kg													< 0.001											< 0.001
Endosulfan II	7	S4ULL	6300	S4ULL	mg/kg													< 0.001											< 0.001
Endrin					mg/kg													< 0.001											< 0.001
Endrin Aldehyde					mg/kg																								
Endrin Ketone					mg/kg																								
gamma-BHC (Lindane)					mg/kg													< 0.001											< 0.001
4,4'-DDD					mg/kg													< 0.001											< 0.001
4,4'-DDE					mg/kg													< 0.001											< 0.001
4,4'-DDT					mg/kg													< 0.001											< 0.001
p,p'-Methoxychlor					mg/kg													< 0.001											< 0.001
Guthion (Azinphos-methyl)					mg/kg													< 0.001											< 0.001
Coumaphos					mg/kg																								
Dsmeton-S					mg/kg																								
Diazinon					mg/kg													< 0.001											< 0.001
Dichlorvos	0.032	S4ULL	140	S4ULL	mg/kg													< 0.001											< 0.001
DISULFOTON					mg/kg																								
Ethion					mg/kg													< 0.001											< 0.001
Fenitrothion					mg/kg													< 0.001											< 0.001
Fensulfothion					mg/kg																								
Fenthion					mg/kg																								
Heptachlor					mg/kg													< 0.001											< 0.001
Heptachlor Epoxide					mg/kg													< 0.001											< 0.001
Malathion					mg/kg													< 0.001											< 0.001
Methoxychlor					mg/kg																								
PARATHION, METHYL					mg/kg													< 0.001											< 0.001
Mevinphos					mg/kg													< 0.001											< 0.001
PHORATE					mg/kg																								
Sulprofos					mg/kg																								
Tokuthion					mg/kg																								
Trichloronate					mg/kg																								
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLORPROP)					mg/kg																								
2,4,5-T					mg/kg																								
Ametryn					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Atraton					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Atrazine	3.3	S4ULL	9300	S4ULL	mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Chlortoluron					mg/kg		< 1	< 1	< 1													< 1	< 1						
Diuron					mg/kg		< 1	< 1	< 1													< 1	< 1						
Isoproturon					mg/kg		< 1	< 1	< 1													< 1	< 1						
Linuron					mg/kg		< 1	< 1	< 1													< 1	< 1						
MCPA					mg/kg																								
MCPB					mg/kg																								
MCPP (MECOPROP)					mg/kg																								
Methabenzthiazuron					mg/kg		< 1	< 1	< 1													< 1	< 1						
Monuron					mg/kg		< 1	< 1	< 1													< 1	< 1						
Prometon					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Prometryne					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Propazine					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Secbumeton					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Simazine					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Simetryn					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Terbuthylazine					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
Terbutryn					mg/kg		< 0.2	< 0.2	< 0.2													< 0.2	< 0.2						
1,2,3,7,8-PeCDD																													
1,2,3,7,8-PeCDF																													
1,2,3,6,7,8-HxCDD																													
1,2,3,7,8,9-HxCDD																													
1,2,3,7,8,9-HxCDF																													
1,2,3,4,7,8-HxCDD																													
1,2,3,4,7,8-HxCDF																													
1,2,3,4,6,7,8-HpCDD																													
1,2,3,4,7,8,9-HpCDF																													
Total 2,3,7,8-Furans																													
Total 2,3,7,8-Dioxins																													

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	ALBERT COLLEGE <250	ALBERT COLLEGE <250	ALBERT COLLEGE <250	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
					Sample Date	30/05/2007	07/10/2019	05/02/2021	23/04/2019	30/09/2019	30/09/2019	03/12/2019	08/12/2020	08/12/2020	08/12/2020	08/12/2020	10/12/2020	10/12/2020	10/12/2020	10/12/2020	14/12/2020	16/12/2020	09/05/2019	09/05/2019	13/05/2019	27/06/2019	18/05/2020	18/05/2020	19/05/2020
					Location	MGI/BH/612	NBH209	ABH30	NBH17	NBH211	NBH211	NBH223	ABH32	ABH32	ABH32	ABH33	ABH32	ABH33	ABH33	ABH33	ABH33	ABH33	NBH20	NBH20	NBH19A	NBH19A	GBH01	GBH04	GBH04
					Top Depth (m)	1	0.5	21.9	1	0.5	1	0.5	0.5	1.5	2.5	0.5	14.5	2	3.6	4.5	10.5	26.5	0.3	1	0.3	0.5	0.5	0.5	1
					Base Depth (m)	1	0.5		1	0.5	1	0.5											0.3	1	0.3	0.5	0.5	0.5	1
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Containing Material.					-																								
Asbestos Identification.					%		No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No result			No result							No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Total Asbestos					%																								
Moisture					%	19.1	12		8.3	18	7.7	13											5.1	26	16	14	16	6.6	12
pH					pH UNITS		8.8	9.2	8.2	7.9	8.3	8.7	8.8	8.7	8.8	8.5	8.7	8.9	10	9	8.9	8.7	8.8	8.3	10.7	8.1	8.7	8.4	8.3
Total Organic Matter					%		0.72		1.7	5.7	1.7	0.6											0.72	9.5	11	11	8.1	4.5	6.4
Total Organic Carbon					%			0.55	1.7				0.71	< 0.2	0.53	2.6	0.93	0.21	0.29	0.21	0.36	3.2	0.42		7.5				
Undried Mass of Test Portion					g				196														184		207				
Cyanide (Total)					mg/kg		< 0.5		< 0.5	< 0.5	< 0.5	< 0.5											< 0.5	< 0.5	0.5	0.6	< 0.5	< 0.5	< 0.5
Loss on ignition					%			0.68	5				2.1	1.7	1.4	7.1	1.9	2	0.89	1.7	1.7	3.3	2.1		8.4				
Chloride					mg/kg																		< 10						
Fluoride					mg/kg																		1.7						
Sulphate (2:1 Water Soluble) as SO4					g/l		< 10		< 0.01	< 10	< 10	< 10											0.019	0.019	0.15	0.028		0.12	0.05
Sulphate (acid soluble as SO4)					%																								
Sulphide					mg/kg																								
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg		< 0.1	4.4	< 0.01	2.8	< 0.1	< 0.1	< 2	< 2	< 2	2	< 2	< 2	< 2	< 2	< 2	3	< 2	2.8	3	5	2.9	2.3	2.5
Arsenic	37	C4SL	640	C4SL	mg/kg	< 0.5	25	32	17	22	18	15	18	22	21	25	20	19	23	17	29	19	78	22	37	39	27	26	25
Barium			22000	EIC	mg/kg			29					43	53	47	110	22	86	97	45	27	28	< 0.5						
Beryllium	1.7	S4UL	12	S4UL	mg/kg																								
Boron (Water soluble)					mg/kg	1																							
Cadmium	22	C4SL	410	C4SL	mg/kg	3	2.8	1.6	1.4	2.1	1.5	0.66	1.8	1.9	3.1	2.1	0.98	1.6	0.89	1.4	1.4	1.3	0.37	1.5	0.91	1.8	1.7	1	1.7
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg			< 0.5					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5							
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg			15					13	14	14	24	13	15	8.3	18	16	12							
Chromium	910	S4UL	8600	S4UL	mg/kg	28	16		21	25	18	15											92	17	23	21	17	16	19
Copper	2400	S4UL	68000	S4UL	mg/kg	20	32	47	21	54	22	10	24	23	21	56	17	27	8.2	19	19	13	53	62	120	410	120	45	56
Lead	200	C4SL	2300	C4SL	mg/kg	31	18	41	28	110	26	22	21	18	16	90	15	20	6.7	16	13	13	25	140	220	290	460	170	100
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.3	< 0.5	0.05	< 0	0.39	0.1	0.14	0.1	< 0.05	0.14	0.28	0.06	0.06	< 0.05	< 0.05	0.11	< 0.05	< 0.1	0.49	1.1	1	0.97	0.76	0.43
Molybdenum			17000	EIC	mg/kg		5.5	2.4	2.1	4.2	3.3	< 0.5	3	2.4	3.3	3.4	3.4	3.4	2	2.4	3.6	4.5	< 2	3	6.8	5	4	3.2	4.3
Nickel	130	S4UL	980	S4UL	mg/kg	45	52	32	31	58	36	29	36	41	29	50	33	42	12	37	28	26	54	49	62	58	46	42	48
Selenium	250	S4UL	12000	S4UL	mg/kg	< 0.5	1.4	0.89	1.1	1	0.31	< 0.2	0.31	< 0.2	2	0.8	1.9	3.2	1	2.3	0.47	2.6	< 0.01	< 0.2	0.51	0.58	0.39	0.44	0.41
Vanadium	410	S4UL	9000	S4UL	mg/kg		26		24	42	30	18											140	27	42	43	33	29	35
Zinc	3700	S4UL	730000	S4UL	mg/kg	108	71	96	64	130	65	49	67	69	270	140	51	69	23	64	62	31	170	110	140	350	110	80	100
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	[illegible]	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	6900	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	6000	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	200	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	62	26	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 0.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	17000	< 5	< 5	< 5	< 5	< 5	< 5	< 5	62	26	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg	< 0.01																							
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	980	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1800	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	12	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2500	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	21	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	98	11	4.2	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	650	34	55	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 0.1	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	5300	< 5	< 5	< 5	< 5	< 5	< 5	< 5	750	77	59	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 0.1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	22000	< 10	< 10	< 10	< 10	< 10	< 10	< 10	810	100	59	< 10	< 10
TPH >C10-40					mg/kg				< 10														< 10		65				
PRO					mg/kg	< 0.01																							
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.08	< 0.01	< 0.01	0.073	< 0.05	< 0.05	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	1.2	6.9	0.57	< 0.01	< 0.01
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.07	< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	0.97	1.5	0.19	< 0.01	< 0.01
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	0.02	0.15	< 0.01	< 0.01	0.18	0.062	0.11	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	2.2	7	0.87	0.08	0.04
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.55	< 0.01	< 0.01	0.33	0.11	0.25	0.11	< 0.01	< 0.05	< 0.01	< 0.01	0.044	< 0.01	< 0.5	< 0.5	10	20	3.6	0.65	< 0.01
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.31	< 0.01	< 0.01	0.37	0.14	0.19	0.15	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	8.1	18	3.1	0.64	< 0.01
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg		< 0.01	< 0.05	< 0.5	0.28	< 0.01	< 0.01	0.47	0.16	0.3	0.16	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	8.8	26	3.7	0.79	< 0.01
benzo(b,k)fluoranthene					mg/kg	< 0.001																							
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.28	< 0.01	< 0.01	0.21	< 0.05	0.14	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	3.8	11	2.2	< 0.01	< 0.01
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg		< 0.01	< 0.05	< 0.5	0.12	< 0.01	< 0.01	0.18	0.05	0.11	0.057	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	4.1	9.4	1.8	< 0.01	< 0.01
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.75	< 0.01	< 0.01	0.33	0.11	0.25	0.14	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	9.8	27	3.7	0.63	< 0.01
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.02	< 0.01	< 0.01	0.11	< 0.05	0.081	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	0.5	[illegible]	1.2	< 0.01	< 0.01
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	0.18	0.94	< 0.01	< 0.01	0.82	0.29	0.49	0.22	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	16	44	6.5	0.92	0.35
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.21	< 0.01	< 0.01	0.095	< 0.05	0.062	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	1.7	2.1	0.53	< 0.01	< 0.01
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.16	< 0.01	< 0.01	0.2	< 0.05	0.12	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	4.2	11	2.1	< 0.01	< 0.01
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	< 0.5	0.33	< 0.01	< 0.01	0.064	< 0.05	0.079	< 0.05	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	1.2	18	0.41	< 0.01	< 0.01
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	0.16	0.74	< 0.01	< 0.01	0.62	0.23	0.38	0.24	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	9.8	43	4.3	0.66	0.52
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.001	< 0.01	< 0.05	0.16	0.85	< 0.01	< 0.01	0.66	0.24	0.45	0.2	< 0.01	< 0.05	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5	18	42	6.6	0.93	0.53
PAH, Total Detected USEPA 16					mg/kg	< 0.001	< 0.2		0.52	5.8	< 0.2	< 0.2											< 2	< 0.2		290	41	2.6	1.4
Coronene					mg/kg			< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01							
Total Of 17 PAH's					mg/kg	< 0.001	< 0.2	< 0.2	0.52	5.8	< 0.2	< 0.2	4.7	1.4	3.1	1.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2			100	290	41	2.6	1.4
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0031	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg	< 0.01																							
Total BTEX					mg/kg				< 0.01														< 0.01		< 0.01				
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002											< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002											< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05											< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05											< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005											< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002											< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichloropropane					mg/kg		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002											< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005											< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	0.013	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005											< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02											< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002											< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg			< 0.001	< 0.001														< 0.001	< 0.001	< 0.001	< 0.001			
cis-1,3-Dichloropropene					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg																								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001											< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg																								
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylnaphthalene					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	0.93	< 0.5	< 0.5	< 0.5
2-Nitroaniline					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
3-Nitroaniline					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenylphenyl Ether					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloroaniline					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorophenylphenylether					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitroaniline					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Azobenzene					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	ALBERT COLLEGE <250	ALBERT COLLEGE <250	ALBERT COLLEGE <250	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION
					Sample Date	30/05/2007	07/10/2019	05/02/2021	23/04/2019	30/09/2019	30/09/2019	03/12/2019	08/12/2020	08/12/2020	08/12/2020	08/12/2020	10/12/2020
					Location	MGI/BH/612	NBH209	ABH30	NBH17	NBH211	NBH211	NBH223	ABH32	ABH32	ABH32	ABH33	ABH32
					Top Depth (m)	1	0.5	21.9	1	0.5	1	0.5	0.5	1.5	2.5	0.5	14.5
					Base Depth (m)	1	0.5		1	0.5	1	0.5					
Bis(2-Chloroethoxy)Methane					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Bis-(2-Chloroethyl)Ether					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Bis(2-Chloroisopropyl)Ether					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Carbazole					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Dibenzofuran					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Dimethylphthalate					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg		**< 0.5**	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachlorocyclopentadiene					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg		**< 0.5**	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	
Isophorone					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Nitrobenzene					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
N-Nitrosodimethylamine					mg/kg			< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	
N-Nitrosodi-N-propylamine					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
SVOC TIC					mg/kg								< 0	< 0	< 0	< 0	
2,4,5-Trichlorophenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
2,4,6-Trichlorophenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
2,4-Dichlorophenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
2-Chlorophenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
2-Methylphenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
2-Nitrophenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
4-Chloro-3-Methylphenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
4-Methylphenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
4-Nitrophenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.01	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg		**< 0.5**	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	
1-naphthol					mg/kg	< 0.01											
2,3,5-trimethyl phenol					mg/kg	< 0.01											
2-isopropylphenol					mg/kg	< 0.01											
Catechol					mg/kg	< 0.01											
2-Methyl-4,6-Dinitrophenol					mg/kg		< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	
Resorcinol					mg/kg	< 0.01											
Total cresols					mg/kg	< 0.01											
Total Phenols					mg/kg	< 0.01											
Xylenols					mg/kg	< 0.01											
Propylene Glycol					mg/kg												
Ethylene Glycol					mg/kg												
Diethylene Glycol					mg/kg												
Triethylene Glycol					mg/kg												
Dipropylene Glycol					mg/kg												
Total Glycol					mg/kg												
Methanol					mg/kg												
Ethanol					mg/kg												
Isopropyl Alcohol					mg/kg												
n-Propanol					mg/kg												
n-Butyl Alcohol					mg/kg												
n-Pentyl Alcohol					mg/kg												
n-Hexyl alcohol					mg/kg												
n-Heptyl alcohol					mg/kg												
METHYL ACETATE					mg/kg												
Ethyl acetate					mg/kg												
i-Propyl acetate					mg/kg												
n-Propyl acetate					mg/kg												
n-Butyl Acetate					mg/kg												
PCB 28 (Trichlorobiphenyl)					mg/kg			< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg			< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg			< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg												
PCB 138 (Hexachlorobiphenyl)					mg/kg			< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg			< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg			< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg			< 0.1	< 0.1				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 77					ng/kg												
PCB 81					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 81					ng/kg												
PCB 105					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 105					ng/kg												
PCB 114					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 114					ng/kg												
PCB 123					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 123					ng/kg												
PCB 126					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 126					ng/kg												
PCB 156					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 156					ng/kg												
PCB 157					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 157					ng/kg												
PCB 167					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 167					ng/kg												
PCB 169					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 169					ng/kg												
PCB 189					mg/kg		< 0.01		< 0.01	< 0.01	< 0.01	< 0.01					
PCB 189					ng/kg												
Total PCBs (12 Congeners)					mg/kg		< 0.12		< 0.12	< 0.12	< 0.12	< 0.12					
Aldrin	5.7	S4UL	170	S4UL	mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg	< 0.001							**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**	
Delta-Bhc					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Alpha-Chlordane					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Gamma-Chlordane					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Dieldrin	0.97	S4UL	170	S4UL	mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Endosulfan Sulfate					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Endosulfan II	7	S4UL	6300	S4UL	mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Endrin					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Endrin Aldehyde					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Endrin Ketone					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
gamma-BHC (Lindane)					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
4,4'-DDD					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
4,4'-DDE					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
4,4'-DDT					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
p,p'-Methoxychlor					mg/kg	< 0.001											
Guthion (Azinphos-methyl)					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Coumaphos					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Demeton-S					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Diazinon					mg/kg	< 0.001											
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg	< 0.001											
DISULFOTON					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Ethion					mg/kg	< 0.001											
Fenitrothion					mg/kg	< 0.001											
Fensulfothion					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Fenthion					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Heptachlor					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Heptachlor Epoxide					mg/kg	< 0.001							< 0.2	< 0.2	< 0.2	< 0.2	
Malathion					mg/kg	< 0.001											
Methoxychlor					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
PARATHION, METHYL					mg/kg	< 0.001											
Mevinphos					mg/kg	< 0.001											
PHORATE					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Sulprofos					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Tokuthion					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Trichloronate					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
2,4-Dichlorophenoxyacetic acid					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	
2,4-DP (DICHLOROPROP)					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	
2,4,5-T					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	
Ametryn					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Atraton					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Atrazine	3.3	S4UL	9300	S4UL	mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Chlortoluron					mg/kg								< 1	< 1	< 1	< 1	
Diuron					mg/kg								< 1	< 1	< 1	< 1	
Isoproturon					mg/kg								< 1	< 1	< 1	< 1	
Linuron					mg/kg								< 1	< 1	< 1	< 1	
MCPA					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	
MCPB					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	
MCPP (MECOPROP)					mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	
Methabenzthiazuron					mg/kg								< 1	< 1	< 1	< 1	
Monuron					mg/kg								< 1	< 1	< 1	< 1	
Prometon					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Prometryne					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Propazine					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Secbumeton					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Simazine					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Simetryn					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Terbuthylazine					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
Terbutryn					mg/kg								< 0.2	< 0.2	< 0.2	< 0.2	
1,2,3,7,8-PeCDD																	
1,2,3,7,8-PeCDF																	
1,2,3,6,7,8-HxCDD																	
1,2,3,7,8,9-HxCDD																	
1,2,3,7,8,9-HxCDF																	
1,2,3,4,7,8-HxCDD																	
1,2,3,4,7,8-HxCDF																	
1,2,3,4,6,7,8-HpCDD																	
1,2,3,4,7,8,9-HpCDF																	
Total 2,3,7,8-Furans																	
Total 2,3,7,8-Dioxins																	

	Works Area	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
	Sample Date	10/12/2020	10/12/2020	10/12/2020	14/12/2020	16/12/2020	09/05/2019	09/05/2019	13/05/2019	27/06/2019	18/05/2020	18/05/2020	19/05/2020
	Location	ABH33	ABH33	ABH33	ABH33	ABH33	NBH20	NBH20	NBH19A	NBH19A	GBH01	GBH04	GBH04
	Top Depth (m)	2	3.6	4.5	10.5	26.5	0.3	1	0.3	0.5	0.5	0.5	1
	Base Depth (m)						0.3	1	0.3	0.5	0.5	0.5	1
Bis(2-Chloroethoxy)Methane	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis-(2-Chloroethyl)Ether	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-Chloroisopropyl)Ether	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-Ethylhexyl)Phthalate	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzyl Phthalate	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbazole	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	0.71	< 0.5	< 0.5	< 0.5
Dibenzofuran	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	0.98	< 0.5	< 0.5	< 0.5
Diethyl Phthalate	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylphthalate	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Di-N-Butyl Phthalate	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Di-N-Octyl Phthalate	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	mg/kg	< 0.05					**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
Hexachlorocyclopentadiene	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachloroethane	mg/kg	< 0.05					**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
Isophorone	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodimethylamine	mg/kg	< 0.05					< 0.5	< 0.5					
N-Nitrosodi-N-propylamine	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SVOC TIC	mg/kg	< 0											
2,4,5-Trichlorophenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4,6-Trichlorophenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4-Dichlorophenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4-Dimethylphenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitrophenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-Methylphenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Methylphenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	mg/kg	< 0.05					**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
1-naphthol	mg/kg												
2,3,5-trimethyl phenol	mg/kg												
2-isopropylphenol	mg/kg												
Catechol	mg/kg												
2-Methyl-4,6-Dinitrophenol	mg/kg	< 0.05					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Resorcinol	mg/kg												
Total cresols	mg/kg												
Total Phenols	mg/kg												
Xylenols	mg/kg												
Propylene Glycol	mg/kg												
Ethylene Glycol	mg/kg												
Diethylene Glycol	mg/kg												
Triethylene Glycol	mg/kg												
Dipropylene Glycol	mg/kg												
Total Glycol	mg/kg												
Methanol	mg/kg												
Ethanol	mg/kg												
Isopropyl Alcohol	mg/kg												
n-Propanol	mg/kg												
n-Butyl Alcohol	mg/kg												
n-Pentyl Alcohol	mg/kg												
n-Hexyl alcohol	mg/kg												
n-Heptyl alcohol	mg/kg												
METHYL ACETATE	mg/kg												
Ethyl acetate	mg/kg												
i-Propyl acetate	mg/kg												
n-Propyl acetate	mg/kg												
n-Butyl Acetate	mg/kg												
PCB 28 (Trichlorobiphenyl)	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01							
PCB 52 (Tetrachlorobiphenyl)	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01							
PCB 101 (Pentachlorobiphenyl)	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01							
PCB 118	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118	ng/kg												
PCB 138 (Hexachlorobiphenyl)	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01							
PCB 153 (Hexachlorobiphenyl)	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01							
PCB 180 (Heptachlorobiphenyl)	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01							
Pcb, Total Of 7 Congeners	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1				
PCB 77	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 77	ng/kg												
PCB 81	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 81	ng/kg												
PCB 105	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 105	ng/kg												
PCB 114	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 114	ng/kg												
PCB 123	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 123	ng/kg												
PCB 126	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 126	ng/kg												
PCB 156	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 156	ng/kg												
PCB 157	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 157	ng/kg												
PCB 167	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 167	ng/kg												
PCB 169	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 169	ng/kg												
PCB 189	mg/kg						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 189	ng/kg												
Total PCBs (12 Congeners)	mg/kg						< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Aldrin	mg/kg	< 0.2											
Alpha-Bhc	mg/kg	< 0.2											
Beta-Bhc	mg/kg	**< 0.2**											
Delta-Bhc	mg/kg	< 0.2											
Alpha-Chlordane	mg/kg	< 0.2											
Gamma-Chlordane	mg/kg	< 0.2											
Dieldrin	mg/kg	< 0.2											
Endosulfan Sulfate	mg/kg	< 0.2											
Endosulfan I	mg/kg	< 0.2											
Endosulfan II	mg/kg	< 0.2											
Endrin	mg/kg	< 0.2											
Endrin Aldehyde	mg/kg	< 0.2											
Endrin Ketone	mg/kg	< 0.2											
gamma-BHC (Lindane)	mg/kg	< 0.2											
4,4'-DDD	mg/kg	< 0.2											
4,4'-DDE	mg/kg	< 0.2											
4,4'-DDT	mg/kg	< 0.2											
p,p'-Methoxychlor	mg/kg												
Guthion (Azinphos-methyl)	mg/kg	< 0.2											
Coumaphos	mg/kg	< 0.2											
Demeton-S	mg/kg	< 0.2											
Diazinon	mg/kg												
Dichlorvos	mg/kg												
DISULFOTON	mg/kg	< 0.2											
Ethion	mg/kg												
Fenitrothion	mg/kg												
Fensulfothion	mg/kg	< 0.2											
Fenthion	mg/kg	< 0.2											
Heptachlor	mg/kg	< 0.2											
Heptachlor Epoxide	mg/kg	< 0.2											
Malathion	mg/kg												
Methoxychlor	mg/kg	< 0.2											
PARATHION, METHYL	mg/kg												
Mevinphos	mg/kg												
PHORATE	mg/kg	< 0.2											
Sulprofos	mg/kg	< 0.2											
Tokuthion	mg/kg	< 0.2											
Trichloronate	mg/kg	< 0.2											
2,4-Dichlorophenoxyacetic acid	mg/kg	< 0.1											
2,4-DP (DICHLOROPROP)	mg/kg	< 0.1											
2,4,5-T	mg/kg	< 0.1											
Ametryn	mg/kg	< 0.2											
Atraton	mg/kg	< 0.2											
Atrazine	mg/kg	< 0.2											
Chlortoluron	mg/kg	< 1											
Diuron	mg/kg	< 1											
Isoproturon	mg/kg	< 1											
Linuron	mg/kg	< 1											
MCPA	mg/kg	< 0.1											
MCPB	mg/kg	< 0.1											
MCPP (MECOPROP)	mg/kg	< 0.1											
Methabenzthiazuron	mg/kg	< 1											
Monuron	mg/kg	< 1											
Prometon	mg/kg	< 0.2											
Prometryne	mg/kg	< 0.2											
Propazine	mg/kg	< 0.2											
Secbumeton	mg/kg	< 0.2											
Simazine	mg/kg	< 0.2											
Simetryn	mg/kg	< 0.2											
Terbuthylazine	mg/kg	< 0.2											
Terbutryn	mg/kg	< 0.2											
1,2,3,7,8-PeCDD													
1,2,3,7,8-PeCDF													
1,2,3,6,7,8-HxCDD													
1,2,3,7,8,9-HxCDD													
1,2,3,7,8,9-HxCDF													
1,2,3,4,7,8-HxCDD													
1,2,3,4,7,8-HxCDF													
1,2,3,4,6,7,8-HpCDD													
1,2,3,4,7,8,9-HpCDF													
Total 2,3,7,8-Furans													
Total 2,3,7,8-Dioxins													

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

Works Area						GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
Sample Date						19/05/2020	20/05/2020	21/05/2020	21/05/2020	27/05/2020	27/05/2020	29/06/2020	29/06/2020	30/06/2020	30/06/2020	30/06/2020	30/06/2020
Location						GBH04	GBH02	GBH02	GBH02	GBH01	GBH01	GTP22	GTP24	GBH30	GBH30	GBH31	GBH32
Top Depth (m)						2.5	0.5	2	5	2	5	0.5	1	0.5	1	1	1
Base Depth (m)						2.5	0.5	2	5	2	5	0.5	1	0.5	1	1	1
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units												
Asbestos by Gravimetry.					%												
Asbestos Containing Material.					-												
Asbestos Identification.					%	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Total Asbestos					%												
Moisture					%	12	13	15	6.7	12	11	8.7	6.4	9.3	8.7	10	23
pH					pH UNITS	8.5	8.4	8.8	8.9	8.3	8.4	8.6	8.8	8.5	8.4	8.5	8
Total Organic Matter					%	0.84	19	0.84	1.2	0.41	1.2	16	15	0.74	1.4	0.64	3.3
Total Organic Carbon					%												
Undried Mass of Test Portion					g												
Cyanide (Total)					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Loss on ignition					%												
Chloride					mg/kg												
Fluoride					mg/kg												
Sulphate (2:1 Water Soluble) as SO4					g/l	0.014	0.12	< 0.01	0.2	0.05	0.19	0.05	0.019	< 0.01	< 0.01	< 0.01	0.077
Sulphate (acid soluble as SO4)					%												
Sulphide					mg/kg												
Total Sulphur					%												
Antimony			7500	EIC	mg/kg	2.7	2.6	2.7	< 0	2.5	2.5	2.7	< 0	< 0	< 0	< 0	< 0
Arsenic	37	C4SL	640	C4SL	mg/kg	25	28	22	23	19	19	16	20	25	27	24	14
Barium			22000	EIC	mg/kg												
Beryllium	1.7	S4UL	12	S4UL	mg/kg												
Boron (Water soluble)					mg/kg												
Cadmium	22	C4SL	410	C4SL	mg/kg	2.7	1.3	2.3	0.78	2.3	2.5	0.57	1.1	1.6	1.7	1.6	2.7
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg												
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg												
Chromium	910	S4UL	8600	S4UL	mg/kg	16	11	19	2.9	15	17	9.2	31	16	18	14	18
Copper	2400	S4UL	68000	S4UL	mg/kg	38	45	60	7.9	50	28	200	100	24	26	24	24
Lead	200	C4SL	2300	C4SL	mg/kg	20	110	21	5.5	45	32	250	87	26	30	12	34
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.05	0.33	0.14	< 0.05	0.11	0.16	0.24	0.2	< 0.05	< 0.05	< 0.05	0.11
Molybdenum			17000	EIC	mg/kg	6.5	4	5.1	3.6	8.7	5.1	< 0.05	2.1	2.8	3.7	2.7	4.4
Nickel	130	S4UL	980	S4UL	mg/kg	57	31	61	21	45	41	24	37	52	54	35	40
Selenium	250	S4UL	12000	S4UL	mg/kg	2.1	0.89	0.44	3	3.6	1.9	0.61	0.58	1	2	< 0.01	1.4
Vanadium	410	S4UL	9000	S4UL	mg/kg	31	28	30	5	25	23	17	20	21	23	22	36
Zinc	3700	S4UL	730000	S4UL	mg/kg	80	62	100	40	97	86	150	94	72	93	68	78
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	82	73	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	82	73	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg												
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	25	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	190	360	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	190	390	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	270	460	< 10	< 10	< 10	< 10
TPH >C10-40					mg/kg												
PRO					mg/kg												
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.62	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.01	2.3	< 0.01	< 0.01	0.16	0.11	< 0.01	0.93	< 0.01	< 0.01	< 0.01	< 0.01
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.01	4	< 0.01	< 0.01	0.34	< 0.01	0.92	2.9	1.3	< 0.01	< 0.01	< 0.01
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.01	3.6	< 0.01	< 0.01	< 0.01	< 0.01	0.82	2.9	1.3	< 0.01	< 0.01	< 0.01
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.01	4.3	< 0.01	< 0.01	< 0.01	< 0.01	1.2	4.1	1.8	< 0.01	< 0.01	< 0.01
benzo(b,k)fluoranthene					mg/kg												
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.01	1.8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.7	0.76	< 0.01	< 0.01	< 0.01
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.01	1.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.2	0.62	< 0.01	< 0.01	< 0.01
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.01	3.7	< 0.01	< 0.01	0.3	< 0.01	0.99	3.2	1.4	< 0.01	< 0.01	< 0.01
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.01	0.68	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.01	8.1	0.32	< 0.01	0.78	0.57	1.8	5.1	2.3	< 0.01	< 0.01	< 0.01
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.01	1.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.4	0.68	< 0.01	< 0.01	< 0.01
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.01	5.8	< 0.01	< 0.01	0.51	0.43	1	2.5	1.2	< 0.01	< 0.01	< 0.01
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.01	7.1	0.34	< 0.01	0.8	0.51	1.6	5.3	1.9	< 0.01	< 0.01	< 0.01
PAH, Total Detected USEPA 16					mg/kg	< 0.2	28	0.66	< 0.2	2.9	1.6	< 0.2	7.3	< 0.2	< 0.2	< 0.2	< 0.2
Coronene					mg/kg												
Total Of 17 PAH's					mg/kg	< 0.2	28	0.66	< 0.2	2.9	1.6	< 0.2	7.3	< 0.2	< 0.2	< 0.2	< 0.2
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg												
Total BTEX					mg/kg												
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg												
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg												
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg												
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylnaphthalene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
3-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenylphenyl Ether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorophenylphenylether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Azobenzene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Works Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
Sample Date	30/06/2020	30/06/2020	01/07/2020	01/07/2020	01/07/2020	01/07/2020	01/07/2020	01/07/2020	02/07/2020	02/07/2020	03/07/2020	03/07/2020
Location	GTP25	GTP25	GBH16	GBH18	GBH18	GBH19	GTP20	GTP23	GBH14	GBH29	GBH12	GBH28
Top Depth (m)	0.5	1	1.5	1	1.7	2	0.5	1	1.2	1.8	1.2	1.2
Base Depth (m)	0.5	1	1.5	1	1.7	2	0.5	1	1.2	1.8	1.2	1.2
Analyte												
Asbestos by Gravimetry.												
Asbestos Containing Material.												
Asbestos Identification.	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Total Asbestos												
Moisture	5.7	4.3	6.6	7.4	8	9.6	5.8	5.7	7.7	8.3	9.8	9.8
pH	8.3	8.3	8.5	8.4	8.5	8.4	9.3	8.5	8.2	8.2	8.2	8.3
Total Organic Matter	6.4	4.1	0.74	1.1	0.79	0.81	4.7	7.2	0.81	0.9	1.3	1.1
Total Organic Carbon												
Undried Mass of Test Portion												
Cyanide (Total)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Loss on ignition												
Chloride												
Fluoride												
Sulphate (2:1 Water Soluble) as SO4	0.16	0.31	0.076	0.088	0.057	0.067	< 0.01	< 0.01	0.18	0.15	0.11	0.087
Sulphate (acid soluble as SO4)												
Sulphide												
Total Sulphur												
Antimony	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
Arsenic	12	19	22	21	21	19	15	14	21	26	23	23
Barium												
Beryllium												
Boron (Water soluble)												
Cadmium	0.37	0.97	1.3	1.7	1.3	1.3	0.64	0.47	1.5	1.6	2.1	1.4
Chromium, Hexavalent (Cr6+)												
Chromium, Trivalent (Cr3+)												
Chromium	62	9.7	18	17	16	14	7.6	8.3	16	19	16	17
Copper	36	57	21	22	19	18	45	45	24	24	24	21
Lead	30	59	20	20	18	23	22	36	23	25	29	23
Mercury	< 0.05	0.14	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	< 0.05	< 0.05	2.8	3.3	2.9	2.4	< 0.05	< 0.05	3	3.6	4	2.7
Nickel	45	32	43	44	37	36	21	22	40	48	43	40
Selenium	0.27	0.54	1.3	1.8	1.4	12	< 0.01	0.47	1.7	1.8	2.1	1.2
Vanadium	17	14	21	22	20	17	9.2	9.2	20	24	24	22
Zinc	79	60	70	73	61	59	40	43	68	79	84	66
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	14	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3.8	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	47	100	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	47	100	< 5	< 5	< 5	< 5	< 5	18	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7												
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	19	21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	180	180	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	200	200	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	250	310	< 10	< 10	< 10	< 10	< 10	18	< 10	< 10	< 10	< 10
TPH >C10-40												
PRO												
Acenaphthene	< 0.01	0.89	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	1	1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.37	< 0.01	< 0.01	< 0.01	< 0.01
Benzo[a]anthracene	4.1	3.3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo[a]pyrene	4.8	2.8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo[b]fluoranthene	5.9	3.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
benzo(b,k)fluoranthene												
Benzo[g,h,i]perylene	3.4	1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Benzo[k]fluoranthene	2.4	1.3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Chrysene	4.4	3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibenz(a,h)Anthracene	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	5.9	6.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.1	< 0.01	< 0.01	< 0.01	< 0.01
Fluorene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Indeno(1,2,3-c,d)Pyrene	3.1	1.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	3.4	4.3	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.99	< 0.01	< 0.01	< 0.01	< 0.01
Pyrene	6.1	5.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.3	< 0.01	< 0.01	< 0.01	< 0.01
PAH, Total Detected USEPA 16	46	5.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	3.8	< 0.2	< 0.2	< 0.2	< 0.2
Coronene												
Total Of 17 PAH's	46	5.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	3.8	< 0.2	< 0.2	< 0.2	< 0.2
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total												
Total BTEX												
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene												
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane												
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC												
2,4-Dinitrotoluene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,6-Dinitrotoluene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylnaphthalene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
3-Nitroaniline	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenylphenyl Ether	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloroaniline	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorophenylphenylether	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitroaniline	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Azobenzene	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
					Sample Date	19/05/2020	20/05/2020	21/05/2020	21/05/2020	27/05/2020	27/05/2020	29/06/2020	29/06/2020	30/06/2020	30/06/2020	30/06/2020	30/06/2020	30/06/2020	30/06/2020	01/07/2020	01/07/2020	01/07/2020	01/07/2020	01/07/2020	01/07/2020	02/07/2020	02/07/2020	03/07/2020	03/07/2020
					Location	GBH04	GBH02	GBH02	GBH02	GBH01	GBH01	GTP22	GTP24	GBH30	GBH30	GBH31	GBH32	GTP25	GTP25	GBH16	GBH18	GBH18	GBH19	GTP20	GTP23	GBH14	GBH29	GBH12	GBH28
					Top Depth (m)	2.5	0.5	2	5	2	5	0.5	1	0.5	1	1	1	0.5	1	1.5	1	1.7	2	0.5	1	1.2	1.8	1.2	1.2
					Base Depth (m)	2.5	0.5	2	5	2	5	0.5	1	0.5	1	1	1	0.5	1	1.5	1	1.7	2	0.5	1	1.2	1.8	1.2	1.2
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbazole					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.62	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dibenzofuran					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylphthalate					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorocyclopentadiene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachloroethane	0.2	EIC	22	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Isophorone					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodimethylamine					mg/kg																								
N-Nitrosodi-N-propylamine					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SVOC TIC					mg/kg																								
2,4,5-Trichlorophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4,6-Trichlorophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4-Dichlorophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitrophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-Methylphenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Methylphenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1-naphthol					mg/kg																								
2,3,5-trimethyl phenol					mg/kg																								
2-isopropylphenol					mg/kg																								
Catechol					mg/kg																								
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Resorcinol					mg/kg																								
Total cresols					mg/kg																								
Total Phenols					mg/kg																								
Xylenols					mg/kg																								
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
Dipropylene Glycol					mg/kg																								
Total Glycol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
i-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg																								
PCB 52 (Tetrachlorobiphenyl)					mg/kg																								
PCB 101 (Pentachlorobiphenyl)					mg/kg																								
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg																								
PCB 138 (Hexachlorobiphenyl)					mg/kg																								
PCB 153 (Hexachlorobiphenyl)					mg/kg																								
PCB 180 (Heptachlorobiphenyl)					mg/kg																								
Pcb, Total Of 7 Congeners					mg/kg																								
PCB 77					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 77					ng/kg																								
PCB 81					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 81					ng/kg																								
PCB 105					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 105					ng/kg																								
PCB 114					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 114					ng/kg																								
PCB 123					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 123					ng/kg																								
PCB 126					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 126					ng/kg																								
PCB 156					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 156					ng/kg																								
PCB 157					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 157					ng/kg																								
PCB 167					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 167					ng/kg																								
PCB 169					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 169					ng/kg																								
PCB 189					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 189					ng/kg																								
Total PCBs (12 Congeners)					mg/kg	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Aldrin	5.7	S4UL	170	S4UL	mg/kg																								
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																								
Beta-Bhc	0.085	S4UL	65	S4UL	mg/kg																								
Delta-Bhc					mg/kg																								
Alpha-Chlordane					mg/kg																								
Gamma-Chlordane					mg/kg																								
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																								
Endosulfan Sulfate					mg/kg																								
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																								
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																								
Endrin					mg/kg																								
Endrin Aldehyde					mg/kg																								
Endrin Ketone					mg/kg																								
gamma-BHC (Lindane)					mg/kg																								
4,4'-DDD					mg/kg																								
4,4'-DDE					mg/kg																								
4,4'-DDT					mg/kg																								
p,p'-Methoxychlor					mg/kg																								
Guthion (Azinphos-methyl)					mg/kg																								
Coumaphos					mg/kg																								
Demeton-S					mg/kg																								
Diazinon					mg/kg																								
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																								
DISULFOTON					mg/kg																								
Ethion					mg/kg																								
Fenitrothion					mg/kg																								
Fensulfothion					mg/kg																								
Fenthion					mg/kg																								
Heptachlor					mg/kg																								
Heptachlor Epoxide					mg/kg																								
Malathion					mg/kg																								
Methoxychlor					mg/kg																								
PARATHION, METHYL					mg/kg																								
Mevinphos					mg/kg																								
PHORATE					mg/kg																								
Sulprofos					mg/kg																								
Tokuthion					mg/kg																								
Trichloronate					mg/kg																								
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLOROPROP)					mg/kg																								
2,4,5-T					mg/kg																								
Ametryn					mg/kg																								
Atraton					mg/kg																								
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																								
Chlortoluron					mg/kg																								
Diuron					mg/kg																								
Isoproturon					mg/kg																								
Linuron					mg/kg																								
MCPA					mg/kg																								
MCPB					mg/kg																								
MCPP (MECOPROP)					mg/kg																								
Methabenzthiazuron					mg/kg																								
Monuron					mg/kg																								
Prometon					mg/kg																								
Prometryne					mg/kg																								
Propazine					mg/kg																								
Secbumeton					mg/kg																								
Simazine					mg/kg																								
Simetryn					mg/kg																								
Terbuthylazine					mg/kg																								
Terbutryn					mg/kg																								
1,2,3,7,8-PeCDD																													
1,2,3,7,8-PeCDF																													
1,2,3,6,7,8-HxCDD																													
1,2,3,7,8,9-HxCDD																													
1,2,3,7,8,9-HxCDF																													
1,2,3,4,7,8-HxCDD																													
1,2,3,4,7,8-HxCDF																													
1,2,3,4,6,7,8-HpCDD																													
1,2,3,4,7,8,9-HpCDF																													
Total 2,3,7,8-Furans																													
Total 2,3,7,8-Dioxins																													

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
					Sample Date	04/07/2020	04/07/2020	04/07/2020	04/07/2020	06/07/2020	06/07/2020	06/07/2020	06/07/2020	06/07/2020	06/07/2020	06/07/2020	07/07/2020	07/07/2020	07/07/2020	07/07/2020	07/07/2020	08/07/2020	08/07/2020	08/07/2020	09/07/2020	10/07/2020	10/07/2020	11/07/2020	17/07/2020
					Location	GBH15	GBH27	TPCC06	TPCC12	GBH08	GBH23	GTP05	GTP07	GTP07	GTP09	GTP09	GBH10	GBH24	GTP04	GTP04	GTP06	GBH07	GTP01	GTP03	GBH05	GBH22	TPCC04	GBH17	GBH01
					Top Depth (m)	2	1.2	0.2	0.4	1.5	1.8	0.5	0.5	1	0.5	1	1.5	2	0.5	1	1	1.5	0.5	1	1.2	1.8	0.6	2.1	9.4
					Base Depth (m)	2	1.2	0.2	0.4	1.5	1.8	0.5	0.5	1	0.5	1	1.5	2	0.5	1	1	1.5	0.5	1	1.2	1.8	0.6	2.1	9.4
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Containing Material.					-																								
Asbestos Identification.					%	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	
Total Asbestos					%																								
Moisture					%	8.2	8.6	11	16	7.7	4.6	5.6	7	6.8	13	8.7	5.9	6.6	6.2	7	10	8.8	5.7	6.4	10	7.1	5.8	12	
pH					pH UNITS	8.4	8.4	7.9	8.1	8.2	8.2	8.5	8.4	8.4	8.3	8.3	8.2	8.1	8.3	8.4	8.1	8.7	8.4	8.5	8.4	8.9	8.8	8	8.6
Total Organic Matter					%	1.1	1.5	1.3	1.3	1.1	0.98	1	1.3	2.9	1	0.71	0.72	1.7	1.7	3.3	3.6	7.1	1.9	2.8	17	0.93	1.6	2.1	6.2
Total Organic Carbon					%																								
Undried Mass of Test Portion					g																								
Cyanide (Total)					mg/kg	0.9	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Loss on ignition					%																								
Chloride					mg/kg																								
Fluoride					mg/kg																								
Sulphate (2:1 Water Soluble) as SO4					g/l	0.023	0.081	0.08	< 0.01	< 0.01	0.06	0.013	< 0.01	< 0.01	< 0.01	< 0.01	0.06	0.077	< 0.01	< 0.01	< 0.01	0.022	0.056	0.039	< 0.01	0.12	0.097	0.21	0.042
Sulphate (acid soluble as SO4)					%																								
Sulphide					mg/kg																								
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg	< 0	< 0	2	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	2.1	< 0	2.4	4.8	< 0	< 0	< 0	
Arsenic	**37**	C4SL	640	C4SL	mg/kg	29	20	28	20	21	23	22	25	21	21	19	24	23	27	24	25	28	27	24	14	16	20	22	
Barium			22000	EIC	mg/kg																								
Beryllium	**1.7**	S4UL	12	S4UL	mg/kg																								
Boron (Water soluble)					mg/kg																								
Cadmium	22	C4SL	410	C4SL	mg/kg	0.91	1.7	2.6	2	1.6	1.8	1.4	2	1.2	1.8	1.6	0.91	1.3	1.7	1.5	1.1	0.53	1.6	1.7	0.19	1	1.9	2.3	
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg																								
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg																								
Chromium	910	S4UL	8600	S4UL	mg/kg	14	13	16	15	15	14	15	13	9.6	14	13	11	17	16	15	15	13	16	15	9.4	11	15	11	
Copper	2400	S4UL	68000	S4UL	mg/kg	27	19	30	28	20	17	22	27	21	21	21	17	18	28	34	35	66	31	43	85	16	21	22	
Lead	**200**	C4SL	2300	C4SL	mg/kg	34	23	30	20	16	12	20	22	19	17	16	17	16	33	51	62	54	41	56	97	15	25	15	
Mercury	**1.2**	S4UL	58	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.11	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	0.19	0.28	0.18	0.1	0.25	0.34	< 0.05	< 0.05	< 0.05	
Molybdenum			17000	EIC	mg/kg	2	3.2	4	3.3	2.7	2.5	2.5	3.4	2.3	2.7	2.6	2.5	3.1	4.1	3.2	3	< 0.05	3.2	2.9	2	2.2	3.3	3.2	
Nickel	**130**	S4UL	980	S4UL	mg/kg	39	37	49	43	39	31	39	45	28	40	38	34	37	45	45	41	24	42	39	62	30	38	34	
Selenium	250	S4UL	12000	S4UL	mg/kg	0.62	1.8	4.3	1.8	1.9	1.2	1.3	1.2	0.67	1.2	1.3	1.2	1.4	1.5	1.3	1.1	< 0.01	1.5	2.1	0.33	1.4	1.8	2.4	
Vanadium	410	S4UL	9000	S4UL	mg/kg	21	19	25	26	24	28	24	25	20	25	21	17	29	26	26	30	37	28	24	33	15	16	17	
Zinc	3700	S4UL	730000	S4UL	mg/kg	55	55	86	63	64	51	63	67	56	76	66	55	57	75	78	87	90	92	520	90	49	69	75	
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aliphatic TPH >C8-C10	**27**	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aliphatic TPH >C10-C12	**130**	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aliphatic TPH >C12-C16	**1100**	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	68	< 1	< 1	< 1	
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	110	< 1	< 1	< 1	
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	90	< 1	< 1	< 1	
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	66	< 1	< 1	< 1	
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	340	< 5	< 5	< 5	
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aromatic TPH >C8-C10	**34**	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aromatic TPH >C10-C12	**74**	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Aromatic TPH >C12-C16	**140**	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**170**	< 1	< 1	< 1	
Aromatic TPH >C16-C21	**260**	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**590**	< 1	< 1	< 1	
Aromatic TPH >C21-C35	**1100**	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**2700**	< 1	< 1	< 1	
Aromatic TPH >C35-C44	**1100**	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	40	< 1	< 1	< 1	
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	3500	< 5	< 5	< 5	
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	3800	< 10	< 10	< 10	
TPH >C10-40					mg/kg																								
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.6	< 0.01	< 0.01	< 0.01	
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	8.4	< 0.01	< 0.01	< 0.01	
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.41	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.15	0.03	0.12	7.1	< 0.01	0.12	< 0.01	
Benzo[a]anthracene	**7.2**	S4UL	170	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**15**	< 0.01	< 0.01	< 0.01	
Benzo[a]pyrene	**5**	C4SL	77	C4SL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.64	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**46**	< 0.01	< 0.01	< 0.01	
Benzo[b]fluoranthene	**2.6**	S4UL	44	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.85	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	
benzo(b,k)fluoranthene					mg/kg																								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	35	< 0.01	< 0.01	< 0.01	
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	15	< 0.01	< 0.01	< 0.01	
Chrysene	**15**	S4UL	350	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**15**	< 0.01	< 0.01	< 0.01	
Dibenz(a,h)Anthracene	**0.24**	S4UL	3.5	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	
Fluoranthene	**280**	S4UL	23000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.51	< 0.01	0.98	0.28	1.1	19	< 0.01	0.36	< 0.01	
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	4	< 0.01	< 0.01	< 0.01	
Indeno(1,2,3-c,d)Pyrene	**27**	S4UL	500	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**29**	< 0.01	< 0.01	< 0.01	
Naphthalene	**2.3**	S4UL	190	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**2.6**	< 0.01	< 0.01	< 0.01	
Phenanthrene	**95**	S4UL	22000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.54	0.25	0.63	5.6	< 0.01	0.27	< 0.01	
Pyrene	**620**	S4UL	54000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.9	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.54	< 0.01	1.1	0.26	1.2	24	< 0.01	0.41	< 0.01	
PAH, Total Detected USEPA 16					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	7.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.1	< 0.2	2.8	0.82	3.1	170	< 0.2	1.2	< 0.2	
Coronene					mg/kg																								
Total Of 17 PAH's					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	7.3	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.1	< 0.2	2.8	0.82	3.1	170	< 0.2	1.2	< 0.2	
Benzene	**0.2**	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.043	< 0.001	
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0054	< 0.001	
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.019	< 0.001	
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.02	< 0.001	
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.018	< 0.001	
Xylenes, Total					mg/kg																								
Total BTEX					mg/kg																								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.015	< 0.001	
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
1,2-Dichloroethane	**0.0071**	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0064	< 0.001	
1,3-Dichlorobenzene	**0.4**	S4UL	30	S4UL	mg/kg	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg																								
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Dichloromethane	0.58	EIC	270	EIC	mg/kg																								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0011	< 0.001	
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.003	< 0.001	
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Tetrachloroethene	**0.31**	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trichloroethene	**0.0093**	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
VOC TIC					mg/kg																								
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2-Methylnaphthalene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
3-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
4-Bromophenylphenyl Ether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
4-Chloroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
4-Chlorophenylphenylether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
4-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Azobenzene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
					Sample Date	04/07/2020	04/07/2020	04/07/2020	04/07/2020	06/07/2020	06/07/2020	06/07/2020	06/07/2020	06/07/2020	06/07/2020	06/07/2020	07/07/2020	07/07/2020	07/07/2020	07/07/2020	07/07/2020	08/07/2020	08/07/2020	08/07/2020	09/07/2020	10/07/2020	10/07/2020	11/07/2020	17/07/2020
					Location	GBH15	GBH27	TPCC06	TPCC12	GBH08	GBH23	GTP05	GTP07	GTP07	GTP09	GTP09	GBH10	GBH24	GTP04	GTP04	GTP06	GBH07	GTP01	GTP03	GBH05	GBH22	TPCC04	GBH17	GBH01
					Top Depth (m)	2	1.2	0.2	0.4	1.5	1.8	0.5	0.5	1	0.5	1	1.5	2	0.5	1	1	1.5	0.5	1	1.2	1.8	0.6	2.1	9.4
					Base Depth (m)	2	1.2	0.2	0.4	1.5	1.8	0.5	0.5	1	0.5	1	1.5	2	0.5	1	1	1.5	0.5	1	1.2	1.8	0.6	2.1	9.4
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Carbazole					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Dibenzofuran					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Dimethylphthalate					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	
Hexachlorocyclopentadiene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	
Isophorone					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Nitrobenzene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
N-Nitrosodimethylamine					mg/kg																								
N-Nitrosodi-N-propylamine					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
SVOC TIC					mg/kg																								
2,4,5-Trichlorophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2,4,6-Trichlorophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2,4-Dichlorophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2-Chlorophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2-Methylphenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
2-Nitrophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
4-Chloro-3-Methylphenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
4-Methylphenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
4-Nitrophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	
1-naphthol					mg/kg																								
2,3,5-trimethyl phenol					mg/kg																								
2-isopropylphenol					mg/kg																								
Catechol					mg/kg																								
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Resorcinol					mg/kg																								
Total cresols					mg/kg																								
Total Phenols					mg/kg																								
Xylenols					mg/kg																								
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
Dipropylene Glycol					mg/kg																								
Total Glycol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
i-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg																								
PCB 52 (Tetrachlorobiphenyl)					mg/kg																								
PCB 101 (Pentachlorobiphenyl)					mg/kg																								
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 118					ng/kg																								
PCB 138 (Hexachlorobiphenyl)					mg/kg																								
PCB 153 (Hexachlorobiphenyl)					mg/kg																								
PCB 180 (Heptachlorobiphenyl)					mg/kg																								
Pcb, Total Of 7 Congeners					mg/kg																								
PCB 77					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 77					ng/kg																								
PCB 81					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 81					ng/kg																								
PCB 105					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 105					ng/kg																								
PCB 114					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 114					ng/kg																								
PCB 123					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 123					ng/kg																								
PCB 126					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 126					ng/kg																								
PCB 156					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 156					ng/kg																								
PCB 157					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 157					ng/kg																								
PCB 167					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 167					ng/kg																								
PCB 169					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 169					ng/kg																								
PCB 189					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
PCB 189					ng/kg																								
Total PCBs (12 Congeners)					mg/kg	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	
Aldrin	5.7	S4UL	170	S4UL	mg/kg																								
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																								
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg																								
Delta-Bhc					mg/kg																								
Alpha-Chlordane					mg/kg																								
Gamma-Chlordane					mg/kg																								
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																								
Endosulfan Sulfate					mg/kg																								
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																								
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																								
Endrin					mg/kg																								
Endrin Aldehyde					mg/kg																								
Endrin Ketone					mg/kg																								
gamma-BHC (Lindane)					mg/kg																								
4,4'-DDD					mg/kg																								
4,4'-DDE					mg/kg																								
4,4'-DDT					mg/kg																								
p,p'-Methoxychlor					mg/kg																								
Guthion (Azinphos-methyl)					mg/kg																								
Coumaphos					mg/kg																								
Demeton-S					mg/kg																								
Diazinon					mg/kg																								
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																								
DISULFOTON					mg/kg																								
Ethion					mg/kg																								
Fenitrothion					mg/kg																								
Fensulfothion					mg/kg																								
Fenthion					mg/kg																								
Heptachlor					mg/kg																								
Heptachlor Epoxide					mg/kg																								
Malathion					mg/kg																								
Methoxychlor					mg/kg																								
PARATHION, METHYL					mg/kg																								
Mevinphos					mg/kg																								
PHORATE					mg/kg																								
Sulprofos					mg/kg																								
Tokuthion					mg/kg																								
Trichloronate					mg/kg																								
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLOROPROP)					mg/kg																								
2,4,5-T					mg/kg																								
Ametryn					mg/kg																								
Atraton					mg/kg																								
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																								
Chlortoluron					mg/kg																								
Diuron					mg/kg																								
Isoproturon					mg/kg																								
Linuron					mg/kg																								
MCPA					mg/kg																								
MCPB					mg/kg																								
MCPP (MECOPROP)					mg/kg																								
Methabenzthiazuron					mg/kg																								
Monuron					mg/kg																								
Prometon					mg/kg																								
Prometryne					mg/kg																								
Propazine					mg/kg																								
Secbumeton					mg/kg																								
Simazine					mg/kg																								
Simetryn					mg/kg																								
Terbuthylazine					mg/kg																								
Terbutryn					mg/kg																								
1,2,3,7,8-PeCDD																													
1,2,3,7,8-PeCDF																													
1,2,3,6,7,8-HxCDD																													
1,2,3,7,8,9-HxCDD																													
1,2,3,7,8,9-HxCDF																													
1,2,3,4,7,8-HxCDD																													
1,2,3,4,7,8-HxCDF																													
1,2,3,4,6,7,8-HpCDD																													
1,2,3,4,7,8,9-HpCDF																													
Total 2,3,7,8-Furans																													
Total 2,3,7,8-Dioxins																													

JACOBS
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Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250
					Sample Date	17/07/2020	17/07/2020	20/07/2020	20/07/2020	20/07/2020	27/07/2020	27/07/2020	26/11/2020	26/11/2020	27/11/2020	27/11/2020	30/11/2020	30/11/2020	11/02/2021	11/02/2021	12/02/2021	15/02/2021	16/02/2021	16/02/2021	08/05/2019	08/05/2019	27/06/2019	23/10/2019	20/05/2020
					Location	GBH01	GBH02	GTP11	GTP12	GTP13	GBH13	GBH13	ABH37	ABH37	ABH37	ABH37	ABH37	ABH37	ABH38	ABH38	ABH38	ABH38	ABH38	ABH38	NBH18	NBH18	NBH104	NBH213	GBH06
					Top Depth (m)	16.6	11	0.4	0.5	1	0.5	1	0.5	1.5	4.5	5.5	10.5	22.1	0.5	15.2	24.3	29.1	2	4	0.5	1	0.3	0.5	3
					Base Depth (m)	16.6	11	0.4	0.5	1	0.5	1													0.5	1	0.3	0.5	3
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%								No result	No result															
Asbestos Containing Material.					-																								
Asbestos Identification.					%			No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No result	No result					No result						No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Total Asbestos					%								No result	No result															
Moisture					%			17	16	21	12	11													18	21	15	19	9.6
pH					pH UNITS	8.5	8.5	8.7	8.4	8.3	8.3	8.5	8.6	8.8	8.7	8.7	9.1	8.6	9.1	8.9	8.9	8.7	9	9.1	8.4	6.1	8	8.2	8.8
Total Organic Matter					%	2.8	0.74	2.6	2.8	1.7	3.5	1.2													2.2	9.7	19	3.6	0.72
Total Organic Carbon					%								5.9	0.36	0.71	0.38	0.49	0.83	1.1	0.38	2	1.8	0.66	0.62	2.5				
Undried Mass of Test Portion					g																				219				
Cyanide (Total)					mg/kg			< 0.5	< 0.5	< 0.5	0.6	< 0.5													< 0.5	0.5	< 0.5	< 0.5	< 0.5
Loss on ignition					%								12	2.8	0.97	1.4	1.4	4.1	2.2	1.2	1.3	3.7	2.8	3.1	4.2				
Chloride					mg/kg																				12				
Fluoride					mg/kg																				1.1				
Sulphate (2:1 Water Soluble) as SO4					g/l	0.053	0.055	0.03	< 0.01	0.02	0.014	0.013													0.066	0.066	0.033	< 10	< 0.01
Sulphate (acid soluble as SO4)					%																								
Sulphide					mg/kg																								
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg			< 0	< 0	< 0	2.7	3.1	4	2.4	< 2	< 2	< 2	3.9	< 2	< 2	7.5	4	< 2	2.2	4.2	5.6	6.4	2.8	< 0
Arsenic	**37**	C4SL	640	C4SL	mg/kg			**58**	31	23	24	23	**51**	22	20	16	15	16	22	20	27	15	25	20	25	**41**	**47**	17	21
Barium			22000	EIC	mg/kg								180	78	86	57	49	25	110	110	26	16	86	110	< 0.5				
Beryllium	**1.7**	S4UL	12	S4UL	mg/kg																								
Boron (Water soluble)					mg/kg																								
Cadmium	22	C4SL	410	C4SL	mg/kg			1.7	2.9	4.3	2	3	1.4	2.5	2	1	1.3	1.3	1.2	1.3	6.9	1.1	2.8	2.1	3.3	1.6	1.4	3.2	1.6
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg								< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg								20	18	16	13	9.8	16	14	26	26	11	20	15					
Chromium	910	S4UL	8600	S4UL	mg/kg			13	17	23	18	16													22	17	23	18	17
Copper	2400	S4UL	68000	S4UL	mg/kg			160	54	53	70	47	110	42	23	17	100	30	49	80	55	24	40	36	44	84	160	42	22
Lead	**200**	C4SL	2300	C4SL	mg/kg			180	70	45	80	35	**320**	28	56	21	24	47	**310**	34	22	9.1	25	22	38	**330**	**590**	75	29
Mercury	**1.2**	S4UL	58	S4UL	mg/kg			0.17	0.29	0.22	0.28	0.1	**1.5**	0.12	< 0.05	< 0.05	**8.1**	0.62	0.24	0.08	0.07	< 0.05	0.08	0.08	< 0.1	0.51	**4.5**	0.25	< 0.05
Molybdenum			17000	EIC	mg/kg			5.3	5.2	4.6	4.8	6.6	6.1	4.9	3.9	2.8	2.3	12	< 2	3.2	30	10	5.7	5.7	6.7	3.9	7.4	3.9	3.6
Nickel	**130**	S4UL	980	S4UL	mg/kg			39	59	74	53	58	66	53	43	33	30	66	28	52	90	36	54	54	62	47	120	54	41
Selenium	250	S4UL	12000	S4UL	mg/kg			0.86	1.5	1.2	1.3	1.5	0.84	0.5	1.8	1.3	0.55	7.4	< 0.2	1.3	18	13	0.64	4.8	< 0.01	< 0.2	1.7	0.93	3
Vanadium	410	S4UL	9000	S4UL	mg/kg			22	31	47	27	26													32	31	80	34	25
Zinc	3700	S4UL	730000	S4UL	mg/kg			200	110	130	110	100	150	98	110	62	100	45	110	93	250	120	85	79	110	190	270	110	74
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	**27**	S4UL	**2000**	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	**130**	S4UL	9700	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	5.9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	**1100**	S4UL	59000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	4.9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg			< 1	< 1	< 1	< 1	< 1	5.2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2.2	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg			< 1	< 1	< 1	< 1	< 1	42	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	14	< 1	22	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg			< 5	< 5	< 5	< 5	< 5	70	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	14	< 5	24	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	**34**	S4UL	3500	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	**74**	S4UL	16000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	**140**	S4UL	36000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	15	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	**260**	S4UL	28000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	50	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	8.4	< 1	2.5	< 1	< 1
Aromatic TPH >C21-C35	**1100**	S4UL	28000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	480	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	60	< 1	55	< 1	< 1
Aromatic TPH >C35-C44	**1100**	S4UL	28000	S4UL	mg/kg			< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg			< 5	< 5	< 5	< 5	< 5	540	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	68	< 5	58	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg			< 10	< 10	< 10	< 10	< 10	610	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	82	< 10	82	< 10	< 10
TPH >C10-40					mg/kg																				24				
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.96	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.82	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	1.1	< 0.01	< 0.01
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.57	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	0.65	< 0.01	< 0.01
Anthracene	2400	S4UL	520000	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	3.1	< 0.05	0.12	0.22	< 0.05	< 0.05	0.97	0.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	2.5	< 0.01	< 0.01
Benzo[a]anthracene	**7.2**	S4UL	**170**	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**11**	0.14	0.11	0.18	< 0.05	< 0.05	1.1	0.11	< 0.05	< 0.05	< 0.05	< 0.05	0.97	< 0.5	6.5	< 0.01	< 0.01
Benzo[a]pyrene	**5**	C4SL	**77**	C4SL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**11**	< 0.05	0.1	0.15	< 0.05	< 0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.89	< 0.5	**5.5**	< 0.01	< 0.01
Benzo[b]fluoranthene	**2.6**	S4UL	**44**	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**17**	< 0.05	0.14	0.17	< 0.05	< 0.05	1.3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.3	< 0.5	**7.1**	< 0.01	< 0.01
benzo(b,k)fluoranthene					mg/kg																								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	7.3	< 0.05	< 0.05	0.07	< 0.05	< 0.05	0.71	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	3.6	< 0.01	< 0.01
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	5.1	< 0.05	< 0.05	0.07	< 0.05	< 0.05	0.56	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	3.1	< 0.01	< 0.01
Chrysene	**15**	S4UL	350	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	11	0.12	0.18	0.19	< 0.05	< 0.05	1.1	0.15	< 0.05	< 0.05	< 0.05	< 0.05	1.2	< 0.5	7.4	< 0.01	< 0.01
Dibenz(a,h)Anthracene	**0.24**	S4UL	**3.5**	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**2.3**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.16	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	**1**	< 0.01	< 0.01
Fluoranthene	**280**	S4UL	23000	S4UL	mg/kg			0.69	< 0.01	< 0.01	< 0.01	< 0.01	26	0.23	0.28	0.47	< 0.05	< 0.05	3.1	0.31	< 0.05	< 0.05	< 0.05	< 0.05	2.2	< 0.5	14	< 0.01	< 0.01
Fluorene	170	S4UL	63000	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	1.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.49	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	1.4	< 0.01	< 0.01
Indeno(1,2,3-c,d)Pyrene	**27**	S4UL	500	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	5.9	< 0.05	< 0.05	0.07	< 0.05	< 0.05	0.76	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	3	< 0.01	< 0.01
Naphthalene	**2.3**	S4UL	190	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.9	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	0.74	< 0.01	< 0.01
Phenanthrene	**95**	S4UL	22000	S4UL	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	20	0.14	0.42	0.75	< 0.05	< 0.05	4.1	0.25	< 0.05	< 0.05	< 0.05	< 0.05	1.3	< 0.5	11	< 0.01	< 0.01
Pyrene	**620**	S4UL	54000	S4UL	mg/kg			0.97	< 0.01	< 0.01	< 0.01	< 0.01	23	0.21	0.25	0.4	< 0.05	< 0.05	2.6	0.27	< 0.05	< 0.05	< 0.05	< 0.05	1.7	< 0.5	14	< 0.01	< 0.01
PAH, Total Detected USEPA 16					mg/kg			1.7	< 0.2	< 0.2	< 0.2	< 0.2													< 2	< 0.2	82	< 0.2	< 0.2
Coronene					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
Total Of 17 PAH's					mg/kg			1.7	< 0.2	< 0.2	< 0.2	< 0.2	36	0.84	1.6	2.7	< 0.2	< 0.2	21	1.2	< 0.2	< 0.2	< 0.2	< 0.2			82	< 0.2	< 0.2
Benzene	**0.2**	C4SL	27	C4SL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg																								
Total BTEX					mg/kg																				< 0.01				
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0069	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	**0.0071**	S4UL	0.67	S4UL	mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	**0.4**	S4UL	30	S4UL	mg/kg			**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
1,3-Dichloropropane					mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg			< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg								< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
cis-1,3-Dichloropropene					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg																								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	**0.31**	C4SL	24	C4SL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	**0.0093**	C4SL	0.73	C4SL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg																								
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylnaphthalene					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	0.6	< 0.5	< 0.5
2-Nitroaniline					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
3-Nitroaniline					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenylphenyl Ether					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloroaniline					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorophenylphenylether					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitroaniline					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Azobenzene					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250
					Sample Date	17/07/2020	17/07/2020	20/07/2020	20/07/2020	20/07/2020	27/07/2020	27/07/2020	26/11/2020	26/11/2020	27/11/2020	27/11/2020	30/11/2020	30/11/2020	11/02/2021	11/02/2021	12/02/2021	15/02/2021	16/02/2021	16/02/2021	08/05/2019	08/05/2019	27/06/2019	23/10/2019	20/05/2020
					Location	GBH01	GBH02	GTP11	GTP12	GTP13	GBH13	GBH13	ABH37	ABH37	ABH37	ABH37	ABH37	ABH37	ABH38	ABH38	ABH38	ABH38	ABH38	ABH38	NBH18	NBH18	NBH104	NBH213	GBH06
					Top Depth (m)	16.6	11	0.4	0.5	1	0.5	1	0.5	1.5	4.5	5.5	10.5	22.1	0.5	15.2	24.3	29.1	2	4	0.5	1	0.3	0.5	3
					Base Depth (m)	16.6	11	0.4	0.5	1	0.5	1													0.5	1	0.3	0.5	3
Bis(2-Chloroethoxy)Methane					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis-(2-Chloroethyl)Ether					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-Chloroisopropyl)Ether					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Carbazole					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	0.69	< 0.5	< 0.5
Dibenzofuran					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	0.82	< 0.5	< 0.5
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylphthalate					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg			**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
Hexachlorocyclopentadiene					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg			**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
Isophorone					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodimethylamine					mg/kg								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5			
N-Nitrosodi-N-propylamine					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
SVOC TIC					mg/kg																								
2,4,5-Trichlorophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4,6-Trichlorophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4-Dichlorophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitrophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-Methylphenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Methylphenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	120	S4UL	440	S4UL	mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg			**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
1-naphthol					mg/kg																								
2,3,5-trimethyl phenol					mg/kg																								
2-isopropylphenol					mg/kg																								
Catechol					mg/kg																								
2-Methyl-4,6-Dinitrophenol					mg/kg			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Resorcinol					mg/kg																								
Total cresols					mg/kg																								
Total Phenols					mg/kg																								
Xylenols					mg/kg																								
Propylene Glycol					mg/kg								< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1											
Ethylene Glycol					mg/kg								< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1											
Diethylene Glycol					mg/kg								< 0.1	< 0.1			< 0.1	< 0.1											
Triethylene Glycol					mg/kg								< 0.1	< 0.1			< 0.1	< 0.1											
Dipropylene Glycol					mg/kg								< 1	< 1			< 1	< 1											
Total Glycol					mg/kg								< 1	< 1			< 1	< 1											
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
i-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 52 (Tetrachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 101 (Pentachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 118					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg																								
PCB 138 (Hexachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 153 (Hexachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
PCB 180 (Heptachlorobiphenyl)					mg/kg								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					
Pcb, Total Of 7 Congeners					mg/kg								< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1				
PCB 77					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 77					ng/kg																								
PCB 81					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 81					ng/kg																								
PCB 105					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 105					ng/kg																								
PCB 114					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 114					ng/kg																								
PCB 123					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 123					ng/kg																								
PCB 126					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 126					ng/kg																								
PCB 156					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 156					ng/kg																								
PCB 157					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 157					ng/kg																								
PCB 167					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 167					ng/kg																								
PCB 169					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 169					ng/kg																								
PCB 189					mg/kg			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 189					ng/kg																								
Total PCBs (12 Congeners)					mg/kg			< 0.12	< 0.12	< 0.12	< 0.12	< 0.12													< 0.12	< 0.12	< 0.12	< 0.12	< 0.12
Aldrin	5.7	S4UL	170	S4UL	mg/kg																								
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																								
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg																								
Delta-Bhc					mg/kg																								
Alpha-Chlordane					mg/kg																								
Gamma-Chlordane					mg/kg																								
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																								
Endosulfan Sulfate					mg/kg																								
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																								
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																								
Endrin					mg/kg																								
Endrin Aldehyde					mg/kg																								
Endrin Ketone					mg/kg																								
gamma-BHC (Lindane)					mg/kg																								
4,4'-DDD					mg/kg																								
4,4'-DDE					mg/kg																								
4,4'-DDT					mg/kg																								
p,p'-Methoxychlor					mg/kg																								
Guthion (Azinphos-methyl)					mg/kg																								
Coumaphos					mg/kg																								
Demeton-S					mg/kg																								
Diazinon					mg/kg																								
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																								
DISULFOTON					mg/kg																								
Ethion					mg/kg																								
Fenitrothion					mg/kg																								
Fensulfothion					mg/kg																								
Fenthion					mg/kg																								
Heptachlor					mg/kg																								
Heptachlor Epoxide					mg/kg																								
Malathion					mg/kg																								
Methoxychlor					mg/kg																								
PARATHION, METHYL					mg/kg																								
Mevinphos					mg/kg																								
PHORATE					mg/kg																								
Sulprofos					mg/kg																								
Tokuthion					mg/kg																								
Trichloronate					mg/kg																								
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLOROPROP)					mg/kg																								
2,4,5-T					mg/kg																								
Ametryn					mg/kg																								
Atraton					mg/kg																								
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																								
Chlortoluron					mg/kg																								
Diuron					mg/kg																								
Isoproturon					mg/kg																								
Linuron					mg/kg																								
MCPA					mg/kg																								
MCPB					mg/kg																								
MCPP (MECOPROP)					mg/kg																								
Methabenzthiazuron					mg/kg																								
Monuron					mg/kg																								
Prometon					mg/kg																								
Prometryne					mg/kg																								
Propazine					mg/kg																								
Secbumeton					mg/kg																								
Simazine					mg/kg																								
Simetryn					mg/kg																								
Terbuthylazine					mg/kg																								
Terbutryn					mg/kg																								
1,2,3,7,8-PeCDD																													
1,2,3,7,8-PeCDF																													
1,2,3,6,7,8-HxCDD																													
1,2,3,7,8,9-HxCDD																													
1,2,3,7,8,9-HxCDF																													
1,2,3,4,7,8-HxCDD																													
1,2,3,4,7,8-HxCDF																													
1,2,3,4,6,7,8-HpCDD																													
1,2,3,4,7,8,9-HpCDF																													
Total 2,3,7,8-Furans																													
Total 2,3,7,8-Dioxins																													

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION
					Sample Date	20/05/2020	22/05/2020	22/05/2020	10/06/2020	10/06/2020	10/06/2020	17/07/2020	17/07/2020	17/07/2020	17/07/2020	20/07/2020	20/07/2020	20/07/2020	20/07/2020	09/02/2021	30/04/2019	30/10/2019	30/10/2019	30/10/2019	12/11/2019	12/11/2019	27/01/2020	27/01/2020	01/12/2020
					Location	GBH09	GBH06	GBH09	GBH11	GBH11	GBH11	GBH06	GBH06	GBH09	GBH11	GTP14	GTP16	GTP19	GTP21	ABH35	NBH21	NBH216A	NBH216A	NBH216A	NBH215	NBH215	NBH216A	NBH216A	ABH41
					Top Depth (m)	2	0.5	0.5	0.5	2	4	7.3	11.2	9.6	12.5	0.5	0.4	0.5	0.5	19	1	0.25	0.6	1.2	0.5	1	7.2	23.8	0.5
					Base Depth (m)	2	0.5	0.5	0.5	2	4	7.3	11.2	9.6	12.5	0.5	0.4	0.5	0.5		1	0.25	0.6	1.2	0.5	1	7.2	23.8	
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%																								
Asbestos Containing Material.					-																								
Asbestos Identification.					%	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected							No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected			No result
Total Asbestos					%																								
Moisture					%	7.6	7.1	9.7	14							3	5.6	11	7.1		20	3.5	7.3	5.3	15	22			
pH					pH UNITS	8.8	8.8	8.4	8.3	9.4	8.5	8.4	8.6	8.5	8.6	9.4	8.8	8.4	8.7	8.8	7.8	8.5	8.5	8.6	9.3	8	8.4	8.5	10.6
Total Organic Matter					%	0.71	2.1	5.5	2.9	0.47		0.98	1	1.2	0.91	< 0.4	1.1	3.5	1		3.6	9.7	4.8	4.1	1.7	1.7	0.81	0.57	
Total Organic Carbon					%															< 0.2	2.7								4.8
Undried Mass of Test Portion					g																209								
Cyanide (Total)					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			
Loss on ignition					%															2.1	5.4								7.3
Chloride					mg/kg																								
Fluoride					mg/kg																								
Sulphate (2:1 Water Soluble) as SO4					g/l	< 0.01	< 0.01	< 0.01	0.073	0.045	230	0.073	0.038	0.048	0.013	< 0.01	0.01	0.05	0.01		0.05	0.039	< 10	< 10	0.14	0.097	0.23	0.02	
Sulphate (acid soluble as SO4)					%																								
Sulphide					mg/kg																								
Total Sulphur					%																								
Antimony			7500	EIC	mg/kg	< 0	< 0	< 0	< 0	< 0.001	< 0					< 0	< 0	< 0	< 0	5.3	3	6.2	< 0.1	2.2	< 0.1	3.4			2.4
Arsenic	37	C4SL	640	C4SL	mg/kg	22	23	15	17	< 0.05	< 0.05					4.2	29	23	17	24	26	19	5.9	20	16	19			30
Barium			22000	EIC	mg/kg															17									120
Beryllium	1.7	S4UL	12	S4UL	mg/kg																								
Boron (Water soluble)					mg/kg																								
Cadmium	22	C4SL	410	C4SL	mg/kg	1.2	2.2	1.3	1.7	< 0.01	< 0.01					0.18	0.32	0.59	0.34	2.2	2.4	0.67	0.55	2	1.1	3.6			1.2
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg															< 0.5									< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg															16									18
Chromium	910	S4UL	8600	S4UL	mg/kg	12	17	14	18	< 0.05	< 0.05					32	19	14	24		23	24	5.1	15	30	22			
Copper	2400	S4UL	68000	S4UL	mg/kg	16	31	37	46	0.12	0.14					120	39	65	71	20	75	68	14	37	38	46			66
Lead	200	C4SL	2300	C4SL	mg/kg	21	29	61	50	< 0.01	< 0.01					16	29	54	28	5.9	120	160	30	170	90	77			440
Mercury	1.2	S4UL	58	S4UL	mg/kg	< 0.05	0.14	0.26	0.24	< 0.05	< 0.05					< 0.05	< 0.05	0.15	< 0.05	< 0.05	0.39	0.43	0.1	1.2	0.21	0.45			1.1
Molybdenum			17000	EIC	mg/kg	2.7	3.7	3.3	3.3	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	7.8	5.5	< 0.5	< 0.5	4.1	2	5			4.3
Nickel	130	S4UL	980	S4UL	mg/kg	33	44	33	41	< 0.01	< 0.01					53	35	29	52	33	58	36	15	53	31	74			48
Selenium	250	S4UL	12000	S4UL	mg/kg	0.43	0.56	0.65	1.2	< 0.01	0.22					< 0.01	< 0.01	0.61	< 0.01	0.69	2.6	0.61	0.21	0.6	< 0.2	0.79			0.31
Vanadium	410	S4UL	9000	S4UL	mg/kg	19	30	29	30							150	70	51	100		45	38	10	29	29	30			
Zinc	3700	S4UL	730000	S4UL	mg/kg	50	70	80	79	< 0.5	< 0.5					97	110	140	120	46	130	110	29	77	150	130			100
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	35	< 1	< 1	14	< 1			< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	54	7.3	< 1	24	< 1			< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	50	500	21	< 1	5	< 1			20
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	140	< 1	< 1	< 1	< 1			< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5							< 5	< 5	< 5	< 5	< 5	50	720	28	< 5	43	< 5			20
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1
Aromatic TPH >C6-C7					mg/kg																								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	2.6	< 1	< 1	< 1	< 1			< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	13	< 1	< 1	< 1	< 1			< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	370	< 1	< 1	2.6	< 1			9.9
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	1600	29	< 1	20	< 1			45
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	19	5400	630	< 1	55	< 1			210
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	180	< 1	< 1	< 1	< 1			< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5							< 5	< 5	< 5	< 5	< 5	19	7600	660	< 5	78	< 5			260
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10							< 10	< 10	< 10	< 10	< 10	69	8300	690	< 10	120	< 10			280
TPH >C10-40					mg/kg																39								
PRO					mg/kg																								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	1.2	36	5.8	2.1	0.92	0.24			1.8
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	< 0.5	7.4	2.1	0.55	0.1	2.4			6.1
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.34	< 0.01	< 0.05	1.1	71	14	4.7	0.86	0.5			15
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.97	< 0.01	< 0.05	2		28	9.4	2.1	< 0.01			47
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	1.4	< 0.01	< 0.05	1.7		29	9.4	2	< 0.01			42
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	1.2	< 0.01	< 0.05	2.6		31	11	2.6	< 0.01			
benzo(b,k)fluoranthene					mg/kg																								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.85	< 0.01	< 0.05	0.99	64	35	12	1.5	< 0.01			22
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.52	< 0.01	< 0.05	0.79	57	14	4.3	1.5	< 0.01			20
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.85	< 0.01	< 0.05	2.4	290	25	8.3	2.7	< 0.01			42
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.25	< 0.01	< 0.05	< 0.5			0.93	0.4	< 0.01			
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	1	0.22	< 0.05	5	680	63	21	5.3	1.3			89
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	0.8	42	7.8	2.3	0.8	1.2			5.2
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.87	< 0.01	< 0.05	0.8	67	23	7.4	1.4	< 0.01			27
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.05	0.7	25	4.5	1.5	0.98	0.47			2.8
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.45	< 0.01	< 0.05	5.5	420	40	13	6.3	2.4			60
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	1.3	0.23	< 0.05	4	640	60	20	5.3	1.6			78
PAH, Total Detected USEPA 16					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					< 0.2	< 0.2	10	0.45		< 2	3300	390	130	34	10			
Coronene					mg/kg															< 0.01									< 0.01
Total Of 17 PAH's					mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2					< 0.2	< 0.2	10	0.45	< 0.2	< 2	3300	390	130	34	10			510
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0089			< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0022	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Xylenes, Total					mg/kg																								
Total BTEX					mg/kg																< 0.01								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05			< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005							< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	0.026	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005							< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005							< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02							< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02			< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg															< 0.001	< 0.001								< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg																								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001
VOC TIC					mg/kg																								
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
2-Methylnaphthalene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
2-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
3-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
4-Bromophenylphenyl Ether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
4-Chloroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
4-Chlorophenylphenylether					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
4-Nitroaniline					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05
Azobenzene					mg/kg	< 0.5	< 0.5	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5			< 0.05

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area		GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION
					Sample Date		<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	30/04/2019	30/10/2019	30/10/2019	30/10/2019	30/10/2019	12/11/2019	12/11/2019	27/01/2020	27/01/2020	01/12/2020
					Location		GBH09	GBH06	GBH09	GBH11	GBH11	GBH11	GBH06	GBH09	GBH11	GTP14	GTP16	GTP19	GTP21	GTP22	09/02/2021	NBH21	NBH216A	NBH216A	NBH216A	NBH215	NBH215	NBH216A	NBH216A	NBH216A	ABH41
					Top Depth (m)		2	0.5	0.5	0.5	2	4	7.3	9.6	12.5	0.5	0.4	0.5	0.5	0.5	19	1	0.25	0.6	1.2	0.6	1	1	7.2	23.8	0.5
					Base Depth (m)		2	0.5	0.5	0.5	2	4	7.3	9.6	12.5	0.5	0.4	0.5	0.5	0.5		1	0.25	0.6	1.2	0.6	1	1	7.2	23.8	
Bis(2-Chloroethoxy)Methane					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Carbazole					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	2.5	< 0.5	< 0.5	< 0.5	< 0.5				1
Dibenzofuran					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	0.66	0.97	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				0.95
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Dimethylphthalate					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Hexachlorocyclopentadiene					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Hexachloroethane	0.2	EIC	22	EIC	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Isophorone					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Nitrobenzene					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
N-Nitrosodimethylamine					mg/kg															< 0.05										< 0.05
N-Nitrosodi-N-propylamine					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
SVOC TIC					mg/kg																									
2,4,5-Trichlorophenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
2,4,6-Trichlorophenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
2,4-Dichlorophenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
2-Chlorophenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
2-Methylphenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
2-Nitrophenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
4-Chloro-3-Methylphenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
4-Methylphenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
4-Nitrophenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				< 0.05
1-naphthol					mg/kg																									
2,3,5-trimethyl phenol					mg/kg																									
2-Isopropylphenol					mg/kg																									
Catechol					mg/kg																									
2-Methyl-4,6-Dinitrophenol					mg/kg		< 0.5	< 0.5	< 0.5	< 0.5						< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	1.5	< 0.5	0.99	< 0.5	< 0.5				< 0.05
Resorcinol					mg/kg																									
Total cresols					mg/kg																									
Total Phenols					mg/kg																									
Xylenols					mg/kg																									
Propylene Glycol					mg/kg																									
Ethylene Glycol					mg/kg																									
Diethylene Glycol					mg/kg																									
Triethylene Glycol					mg/kg																									
Dipropylene Glycol					mg/kg																									
Total Glycol					mg/kg																									
Methanol					mg/kg																									
Ethanol					mg/kg																									
Isopropyl Alcohol					mg/kg																									
n-Propanol					mg/kg																									
n-Butyl Alcohol					mg/kg																									
n-Pentyl Alcohol					mg/kg																									
n-Hexyl alcohol					mg/kg																									
n-Heptyl alcohol					mg/kg																									
METHYL ACETATE					mg/kg																									
Ethyl acetate					mg/kg																									
n-Propyl acetate					mg/kg																									
n-Butyl Acetate					mg/kg																									
PCB 28 (Trichlorobiphenyl)					mg/kg															< 0.01										< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg															< 0.01										< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg															< 0.01										< 0.01
PCB 118					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01
PCB 118					ng/kg																									
PCB 138 (Hexachlorobiphenyl)					mg/kg															< 0.01										< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg															< 0.01										< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg															< 0.01										< 0.01
Pcb, Total Of 7 Congeners					mg/kg															< 0.1	< 0.1									< 0.1
PCB 77					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 77					ng/kg																									
PCB 81					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 81					ng/kg																									
PCB 105					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 105					ng/kg																									
PCB 114					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 114					ng/kg																									
PCB 123					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 123					ng/kg																									
PCB 126					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 126					ng/kg																									
PCB 156					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 156					ng/kg																									
PCB 157					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 157					ng/kg																									
PCB 167					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 167					ng/kg																									
PCB 169					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 169					ng/kg																									
PCB 189					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 189					ng/kg																									
Total PCBs (12 Congeners)					mg/kg		< 0.12	< 0.12	< 0.12	< 0.12						< 0.12	< 0.12	< 0.12	< 0.12		< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12				
Aldrin	5.7	S4UL	170	S4UL	mg/kg																									
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																									
Beta-Bhc	0.085	S4UL	65	S4UL	mg/kg																									
Delta-Bhc					mg/kg																									
Alpha-Chlordane					mg/kg																									
Gamma-Chlordane					mg/kg																									
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																									
Endosulfan Sulfate					mg/kg																									
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																									
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																									
Endrin					mg/kg																									
Endrin Aldehyde					mg/kg																									
Endrin Ketone					mg/kg																									
gamma-BHC (Lindane)					mg/kg																									
4,4'-DDD					mg/kg																									
4,4'-DDE					mg/kg																									
4,4'-DDT					mg/kg																									
p,p'-Methoxychlor					mg/kg																									
Guthion (Azinphos-methyl)					mg/kg																									
Coumaphos					mg/kg																									
Dsmeton-S					mg/kg																									
Diazinon					mg/kg																									
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																									
DISULFOTON					mg/kg																									
Ethion					mg/kg																									
Fenitrothion					mg/kg																									
Fensulfothion					mg/kg																									
Fenthion					mg/kg																									
Heptachlor					mg/kg																									
Heptachlor Epoxide					mg/kg																									
Malathion					mg/kg																									
Methoxychlor					mg/kg																									
PARATHION, METHYL					mg/kg																									
Mevinphos					mg/kg																									
PHORATE					mg/kg																									
Sulprofos					mg/kg																									
Tokuthion					mg/kg																									
Trichloronate					mg/kg																									
2,4-Dichlorophenoxyacetic acid					mg/kg																									
2,4-DP (DICHLORPROP)					mg/kg																									
2,4,5-T					mg/kg																									
Ametryn					mg/kg																									
Atraton					mg/kg																									
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																									
Chlortoluron					mg/kg																									
Diuron					mg/kg																									
Isoproturon					mg/kg																									
Linuron					mg/kg																									
MCPA					mg/kg																									
MCPB					mg/kg																									
MCPP (MECOPROP)					mg/kg																									
Methabenzthiazuron					mg/kg																									
Monuron					mg/kg																									
Prometon					mg/kg																									
Prometryne					mg/kg																									
Propazine					mg/kg																									
Secbumeton					mg/kg																									
Simazine					mg/kg																									
Simetryn					mg/kg																									
Terbuthylazine					mg/kg																									
Terbutryn					mg/kg																									
1,2,3,7,8-PeCDD																														
1,2,3,7,8-PeCDF																														
1,2,3,6,7,8-HxCDD																														
1,2,3,7,8,9-HxCDD																														
1,2,3,7,8,9-HxCDF																														
1,2,3,4,7,8-HxCDD																														
1,2,3,4,7,8-HxCDF																														
1,2,3,4,6,7,8-HpCDD																														
1,2,3,4,7,8,9-HpCDF																														
Total 2,3,7,8-Furans																														
Total 2,3,7,8-Dioxins																														

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION
					Sample Date	01/12/2020	07/12/2020	07/12/2020	10/12/2020	12/03/2021	15/03/2021	16/03/2021	18/03/2021	30/04/2021
					Location	ABH41	ABH41	ABH41	ABH41	ABH40	ABH40	ABH40	ABH40	ABH40A
					Top Depth (m)	1.5	13	18.2	26.5	1	9.3	14.6	29.6	2.3
					Base Depth (m)									
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units									
Asbestos by Gravimetry.					%									
Asbestos Containing Material.					-									
Asbestos Identification.					%					No result				No result
Total Asbestos					%									
Moisture					%									
pH					pH UNITS	8.5	9.2	8.9	8.7	8.7	8.5	9.7	8.7	9.1
Total Organic Matter					%									
Total Organic Carbon					%	1.2	0.37	0.4	0.54	1	0.5	0.42	1.8	0.45
Undried Mass of Test Portion					g									
Cyanide (Total)					mg/kg									
Loss on ignition					%	4.5	0.65	1.1	0.92	4.9	1.7	1	3.6	1.9
Chloride					mg/kg									
Fluoride					mg/kg									
Sulphate (2:1 Water Soluble) as SO4					g/l									
Sulphate (acid soluble as SO4)					%									
Sulphide					mg/kg									
Total Sulphur					%									
Antimony			7500	EIC	mg/kg	2	< 2	2.1	< 2	3	2.7	< 2	3.9	6.2
Arsenic	37	C4SL	640	C4SL	mg/kg	18	16	18	9.9	24	21	14	21	21
Barium			22000	EIC	mg/kg	110	67	72	17	130	100	45	32	130
Beryllium	1.7	S4UL	12	S4UL	mg/kg									
Boron (Water soluble)					mg/kg									
Cadmium	22	C4SL	410	C4SL	mg/kg	2.6	1	1.4	< 0.1	3.2	1.8	1.1	0.33	3.1
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	26	17	19	3	26	21	12	5.7	19
Chromium	910	S4UL	8600	S4UL	mg/kg									
Copper	2400	S4UL	68000	S4UL	mg/kg	44	74	29	3.5	64	43	100	54	43
Lead	200	C4SL	2300	C4SL	mg/kg	45	15	25	6.8	91	35	14	55	46
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.11	1.6	0.07	< 0.05	0.22	0.12	3.2	0.14	< 0.05
Molybdenum			17000	EIC	mg/kg	4.5	2.5	2.9	< 2	5.7	4.7	2.1	5.4	5.3
Nickel	130	S4UL	980	S4UL	mg/kg	71	52	45	5	77	49	32	100	75
Selenium	250	S4UL	12000	S4UL	mg/kg	0.66	0.76	1.4	< 0.2	1.1	1.7	0.44	2.5	1.9
Vanadium	410	S4UL	9000	S4UL	mg/kg									
Zinc	3700	S4UL	730000	S4UL	mg/kg	120	140	82	11	130	66	52	26	100
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg									
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH >C10-40					mg/kg									
PRO					mg/kg									
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.5	0.29
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.13	< 0.05
Anthracene	2400	S4UL	520000	S4UL	mg/kg	0.081	0.06	0.054	< 0.05	0.12	0.092	< 0.05	1.2	0.37
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	0.16	0.17	< 0.05	< 0.05	0.66	0.12	< 0.05	1.8	0.68
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	0.16	0.13	< 0.05	< 0.05	0.51	0.13	< 0.05	1.2	0.61
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	0.2	0.13	< 0.05	< 0.05	0.64	0.14	< 0.05	1.7	0.75
benzo(b,k)fluoranthene					mg/kg									
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	0.16	0.06	< 0.05	< 0.05	0.3	0.23	< 0.05	0.7	0.38
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	0.087	< 0.05	< 0.05	< 0.05	0.3	0.096	< 0.05	0.58	0.26
Chrysene	15	S4UL	350	S4UL	mg/kg	0.19	0.16	< 0.05	< 0.05	0.56	0.12	< 0.05	1.7	0.71
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	0.1	< 0.05	< 0.05	< 0.05	0.15	0.2	< 0.05	0.23	0.092
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	0.26	0.31	0.11	< 0.05	1.2	0.12	< 0.05	5.4	1.7
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.56	0.26
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	0.16	0.06	< 0.05	< 0.05	0.32	0.23	< 0.05	0.79	0.26
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.38	0.16
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	0.17	0.28	0.5	< 0.05	0.53	0.15	< 0.05	5.1	1.7
Pyrene	620	S4UL	54000	S4UL	mg/kg	0.22	0.26	0.059	< 0.05	1.1	0.1	< 0.05	4.2	1.4
PAH, Total Detected USEPA 16					mg/kg									
Coronene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's					mg/kg	2	0.47	0.72	< 0.2	6.4	1.7	< 0.2	26	2.3
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg									
Total BTEX					mg/kg									
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg									
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg					< 0	< 0	< 0	< 0	< 0
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.13
2-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Works Area	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250
Sample Date	08/08/2007	08/08/2007	08/08/2007	08/08/2007	08/08/2007	08/08/2007	17/11/2008	17/11/2008
Location	MGI/BH/640	MGI/BH/640	MGI/BH/641	MGI/BH/642A	MGI/BH/642A	MGI/BH/701	C	C
Top Depth (m)	0.5	1.5	0.5	1	2	0.5	1.2	2.6
Base Depth (m)	0.5	1.5	0.5	1	2	0.5	1.2	2.6
Analyte								
Asbestos by Gravimetry.								
Asbestos Containing Material.								
Asbestos Identification.	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		
Total Asbestos								
Moisture	15.15	20.7	5.2	12.9			22.3	11.3
pH	7.73	7.88	11.5	8.04	8.13	7.45		
Total Organic Matter								
Total Organic Carbon								
Undried Mass of Test Portion								
Cyanide (Total)	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5		
Loss on ignition								
Chloride								
Fluoride								
Sulphate (2:1 Water Soluble) as SO4								
Sulphate (acid soluble as SO4)								
Sulphide								
Total Sulphur							< 0.2	< 0.2
Antimony								
Arsenic	27	< 0.5	< 0.5	28	< 0.5	19	22	7
Barium							189	60
Beryllium							2	1
Boron (Water soluble)	2	2	< 1	1	< 1	4	< 1	< 1
Cadmium	< 0.5	2	< 0.5	2	2	< 0.5	2	2
Chromium, Hexavalent (Cr6+)							< 1	< 1
Chromium, Trivalent (Cr3+)								
Chromium	19	32	22	19	17	19	26	19
Copper	72	21	76	78	20	130	104	28
Lead	349	32	186	241	22	427	366	20
Mercury	3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Molybdenum								
Nickel	40	52	30	47	42	65	56	34
Selenium	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium							70	39
Zinc	187	144	130	402	89	184	250	78
Aliphatic TPH >C5-C6	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
Aliphatic TPH >C6-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C10-C12	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C12-C16	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aliphatic TPH >C16-C21	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aliphatic TPH >C21-C35	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aliphatic TPH >C35-C44								
Total Aliphatic Hydrocarbons	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aromatic TPH >C5-C7								
Aromatic TPH >C6-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C10-C12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Aromatic TPH >C12-C16	14.712	< 0.1	0.805	14.404	< 0.1	6.506	9.59	< 0.1
Aromatic TPH >C16-C21	11.787	< 0.1	0.84	9.841	< 0.1	3.289	5.18	< 0.1
Aromatic TPH >C21-C35	2.347	< 0.1	0.147	1.997	< 0.1	0.496	1.21	< 0.1
Aromatic TPH >C35-C44								
Total Aromatic Hydrocarbons	28.846	< 0.1	1.792	26.242	< 0.1	10.291	15.98	< 0.1
Total Petroleum Hydrocarbons	28.846	< 0.1	1.792	26.242	< 0.1	10.291	15.98	< 0.1
TPH >C10-40								
PRO	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	0.021	< 0.001	0.007	1.008	< 0.001	0.171	0.419	< 0.001
Acenaphthylene	0.197	< 0.001	0.004	0.156	< 0.001	0.02	0.06	< 0.001
Anthracene	0.776	< 0.001	0.056	1.713	< 0.001	0.529	0.478	< 0.001
Benzo[a]anthracene	2.767	< 0.001	0.207	1.856	< 0.001	1.003	1.136	< 0.001
Benzo[a]pyrene	2.29	< 0.001	0.121	1.876	< 0.001	0.526	1.047	< 0.001
Benzo[b]fluoranthene								
benzo(b,k)fluoranthene	3.636	< 0.001	0.279	3.105	< 0.001	0.915	1.879	< 0.001
Benzo[g,h,i]perylene	0.206	< 0.001	0.026	0.232	< 0.001	0.09	0.775	< 0.001
Benzo[k]fluoranthene								
Chrysene	3.094	< 0.001	0.233	3.004	< 0.001	0.845	1.551	< 0.001
Dibenz(a,h)Anthracene	0.778	< 0.001	0.023	0.614	< 0.001	0.169	0.438	< 0.001
Fluoranthene	5.298	< 0.001	0.327	7.159	< 0.001	1.996	2.914	< 0.001
Fluorene	0.028	< 0.001	0.002	0.87	< 0.001	0.19	0.333	< 0.001
Indeno(1,2,3-c,d)Pyrene	1.363	< 0.001	0.098	1.151	< 0.001	0.237	0.612	< 0.001
Naphthalene	0.355	< 0.001	0.036	0.199	< 0.001	0.088	0.083	< 0.001
Phenanthrene	3.431	< 0.001	0.202	8.26	< 0.001	1.837	2.837	< 0.001
Pyrene	4.961	< 0.001	0.327	6.045	< 0.001	1.763	2.547	< 0.001
PAH, Total Detected USEPA 16	29.201	< 0.001	1.948	37.248	< 0.001		17.109	< 0.001
Coronene								
Total Of 17 PAH's	29.201	< 0.001	1.948	37.248	< 0.001		17.109	< 0.001
Benzene	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
Toluene	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
Ethylbenzene	< 0.01	< 0.01	< 0.01	< 0.01		0.017	< 0.01	< 0.01
m & p-Xylene						0.032		
o-Xylene								
Xylenes, Total	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
Total BTEX								
1,1,1,2-Tetrachloroethane								
1,1,1-Trichloroethane								
1,1,2-Trichloroethane								
1,1-Dichloroethane								
1,1-Dichloroethene								
1,1-Dichloropropene								
1,2,3-Trichlorobenzene								
1,2,3-Trichloropropane								
1,2,4-Trichlorobenzene								
1,2,4-Trimethylbenzene						0.011		
1,2-Dibromo-3-Chloropropane								
1,2-Dibromoethane								
1,2-Dichlorobenzene								
1,2-Dichloroethane								
1,2-Dichloropropane								
1,3,5-Trimethylbenzene								
1,3-Dichlorobenzene								
1,3-Dichloropropane								
1,4-Dichlorobenzene								
2-Chlorotoluene								
4-Chlorotoluene								
4-Isopropyltoluene								
Bromobenzene						0.037		
Bromochloromethane								
Bromodichloromethane	0.009	0.01		0.007				
Bromomethane								
Chlorobenzene								
Chloroethane								
Chloromethane								
cis 1,2-Dichloroethene								
cis-1,3-Dichloropropene								
Dibromochloromethane								
Dibromomethane								
Dichlorodifluoromethane								
Dichloromethane	0.082							
Isopropylbenzene								
Methyl Tert-Butyl Ether	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
N-Butylbenzene								
N-Propylbenzene								
Sec-Butylbenzene						0.022		
Styrene								
Tert-Butylbenzene								
Tetrachloroethene				0.005		0.423		
Tetrachloromethane								
Trans 1,2-Dichloroethene								
Trans-1,3-Dichloropropene								
Tribromomethane								
Trichloroethene								
Trichlorofluoromethane								
Trichloromethane								
Vinyl Chloride								
VOC TIC								
2,4-Dinitrotoluene								
2,6-Dinitrotoluene								
2-Chloronaphthalene								
2-Methylnaphthalene								
2-Nitroaniline								
3-Nitroaniline								
4-Bromophenylphenyl Ether								
4-Chloroaniline								
4-Chlorophenylphenylether								
4-Nitroaniline								
Azobenzene								

Works Area	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250
Sample Date	18/11/2008	18/11/2008	18/11/2008	27/11/2008	27/11/2008	22/10/2019	22/10/2019
Location	A1	D	D	B1	B1	NBH217	NBH217
Top Depth (m)	0.2	0.6	1.2	1.2	2	0.6	1.4
Base Depth (m)	0.2	0.6	1.2	1.2	2.2	0.6	1.4
Analyte							
Asbestos by Gravimetry.							
Asbestos Containing Material.							
Asbestos Identification.						No Asbestos Detected	No Asbestos Detected
Total Asbestos							
Moisture	29.7	23.4	32.9	14.1	13.1	9.5	10
pH						9.2	8.6
Total Organic Matter						4	1.9
Total Organic Carbon							
Undried Mass of Test Portion							
Cyanide (Total)						0.5	< 0.5
Loss on ignition							
Chloride							
Fluoride							
Sulphate (2:1 Water Soluble) as SO4						0.13	0.043
Sulphate (acid soluble as SO4)							
Sulphide							
Total Sulphur	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2		
Antimony						< 0.1	2
Arsenic	22	75	41	15	11	17	19
Barium	191	404	142	78	66		
Beryllium	2	4	3	1	1		
Boron (Water soluble)	< 1	< 1	< 1	< 1	< 1		
Cadmium	2	1	2	2	2	1.7	1.9
Chromium, Hexavalent (Cr6+)	< 1	< 1	< 1	< 1	< 1		
Chromium, Trivalent (Cr3+)							
Chromium	28	28	28	31	22	19	14
Copper	92	214	675	42	30	37	34
Lead	246	1057	427	69	22	120	98
Mercury	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.24	0.16
Molybdenum						3.1	3.8
Nickel	56	80	83	42	46	42	44
Selenium	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.51	0.91
Vanadium	68	80	73	51	54	49	37
Zinc	202	286	160	159	95	81	77
Aliphatic TPH >C5-C6	< 0.01	< 0.01	< 0.01	0.69	< 0.01	< 1	< 1
Aliphatic TPH >C6-C8	< 0.01	< 0.01	< 0.01	1.05	< 0.01	< 1	< 1
Aliphatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	0.24	< 0.01	< 1	< 1
Aliphatic TPH >C10-C12	< 0.01	< 0.01	< 0.01	0.19	< 0.01	< 1	< 1
Aliphatic TPH >C12-C16	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 1
Aliphatic TPH >C16-C21	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 1
Aliphatic TPH >C21-C35	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 1
Aliphatic TPH >C35-C44						< 1	< 1
Total Aliphatic Hydrocarbons	< 0.1	< 0.1	< 0.1	2.17	< 0.1	< 5	< 5
Aromatic TPH >C5-C7						< 1	< 1
Aromatic TPH >C6-C7	< 0.01	< 0.01	< 0.01	0.01	< 0.01		
Aromatic TPH >C7-C8	< 0.01	< 0.01	< 0.01	0.36	< 0.01	< 1	< 1
Aromatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	0.85	< 0.01	< 1	< 1
Aromatic TPH >C10-C12	< 0.1	< 0.1	< 0.1	0.29	< 0.1	< 1	< 1
Aromatic TPH >C12-C16	1.44	1.2	0.54	0.16	< 0.1	< 1	< 1
Aromatic TPH >C16-C21	1.03	1.01	0.48	0.14	< 0.1	< 1	< 1
Aromatic TPH >C21-C35	0.29	0.34	0.16	< 0.1	< 0.1	< 1	< 1
Aromatic TPH >C35-C44						< 1	< 1
Total Aromatic Hydrocarbons	2.76	2.55	1.19	1.82	< 0.1	< 5	< 5
Total Petroleum Hydrocarbons	2.76	2.55	1.19	3.99	< 0.1	< 10	< 10
TPH >C10-40							
PRO	< 0.01	< 0.01	< 0.01	4.22	< 0.01		
Acenaphthene	0.058	0.039	0.031	0.017	< 0.001	< 0.01	< 0.01
Acenaphthylene	0.017	0.027	0.013	0.005	< 0.001	< 0.01	< 0.01
Anthracene	0.04	0.095	0.032	0.007	< 0.001	0.36	< 0.01
Benzo[a]anthracene	0.074	0.063	0.1	0.037	< 0.001	0.69	0.66
Benzo[a]pyrene	0.28	0.237	0.087	0.028	< 0.001	0.74	1.2
Benzo[b]fluoranthene						1.1	1.5
benzo(b,k)fluoranthene	0.409	0.403	0.177	0.05	< 0.001		
Benzo[g,h,i]perylene	0.192	0.221	0.121	0.035	< 0.001	0.61	< 0.01
Benzo[k]fluoranthene						< 0.01	< 0.01
Chrysene	0.387	0.396	0.143	0.037	< 0.001	0.92	0.78
Dibenz(a,h)Anthracene	0.096	0.122	0.043	0.014	< 0.001	< 0.01	< 0.01
Fluoranthene	0.49	0.359	0.105	0.041	< 0.001	1.6	1.1
Fluorene	0.028	0.022	0.014	0.004	< 0.001	< 0.01	< 0.01
Indeno(1,2,3-c,d)Pyrene	0.163	0.143	0.061	0.019	< 0.001	< 0.01	< 0.01
Naphthalene	0.021	0.059	0.042	0.009	< 0.001	< 0.01	< 0.01
Phenanthrene	0.346	0.3	0.244	0.05	< 0.001	1.3	< 0.01
Pyrene	0.459	0.357	0.104	0.04	< 0.001	1.8	1.3
PAH, Total Detected USEPA 16	3.06	2.843	1.317	0.393	< 0.001	6.6	< 0.2
Coronene							
Total Of 17 PAH's	3.06	2.843	1.317	0.393	< 0.001	6.6	< 0.2
Benzene	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.001	< 0.001
Toluene	< 0.01	< 0.01	< 0.01	0.36	< 0.01	< 0.001	< 0.001
Ethylbenzene	< 0.01	< 0.01	< 0.01	0.08	< 0.01	< 0.001	< 0.001
m & p-Xylene						< 0.001	< 0.001
o-Xylene						< 0.001	< 0.001
Xylenes, Total	< 0.01	< 0.01	< 0.01	0.41	< 0.01		
Total BTEX							
1,1,1,2-Tetrachloroethane						< 0.002	< 0.002
1,1,1-Trichloroethane						< 0.001	< 0.001
1,1,2-Trichloroethane						< 0.01	< 0.01
1,1-Dichloroethane						< 0.001	< 0.001
1,1-Dichloroethene						< 0.001	< 0.001
1,1-Dichloropropene						< 0.001	< 0.001
1,2,3-Trichlorobenzene						< 0.002	< 0.002
1,2,3-Trichloropropane						< 0.05	< 0.05
1,2,4-Trichlorobenzene						< 0.5	< 0.5
1,2,4-Trimethylbenzene						< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane						< 0.05	< 0.05
1,2-Dibromoethane						< 0.005	< 0.005
1,2-Dichlorobenzene						< 0.5	< 0.5
1,2-Dichloroethane						< 0.002	< 0.002
1,2-Dichloropropane						< 0.001	< 0.001
1,3,5-Trimethylbenzene						< 0.001	< 0.001
1,3-Dichlorobenzene						< 0.5	< 0.5
1,3-Dichloropropane						< 0.002	< 0.002
1,4-Dichlorobenzene						< 0.5	< 0.5
2-Chlorotoluene						< 0.001	< 0.001
4-Chlorotoluene						< 0.001	< 0.001
4-Isopropyltoluene						< 0.001	< 0.001
Bromobenzene						< 0.001	< 0.001
Bromochloromethane						< 0.005	< 0.005
Bromodichloromethane						< 0.005	< 0.005
Bromomethane						< 0.02	< 0.02
Chlorobenzene						< 0.001	< 0.001
Chloroethane						< 0.002	< 0.002
Chloromethane						< 0.001	< 0.001
cis 1,2-Dichloroethene							
cis-1,3-Dichloropropene						< 0.01	< 0.01
Dibromochloromethane						< 0.01	< 0.01
Dibromomethane						< 0.001	< 0.001
Dichlorodifluoromethane						< 0.001	< 0.001
Dichloromethane							
Isopropylbenzene						< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.01	< 0.01	< 0.01	0.00054	< 0.01	< 0.001	< 0.001
N-Butylbenzene						< 0.001	< 0.001
N-Propylbenzene						< 0.001	< 0.001
Sec-Butylbenzene						< 0.001	< 0.001
Styrene						< 0.001	< 0.001
Tert-Butylbenzene						< 0.001	< 0.001
Tetrachloroethene						< 0.001	< 0.001
Tetrachloromethane						< 0.001	< 0.001
Trans 1,2-Dichloroethene						< 0.001	< 0.001
Trans-1,3-Dichloropropene						< 0.01	< 0.01
Tribromomethane						< 0.001	< 0.001
Trichloroethene						< 0.001	< 0.001
Trichlorofluoromethane						< 0.001	< 0.001
Trichloromethane						< 0.001	< 0.001
Vinyl Chloride						< 0.001	< 0.001
VOC TIC							
2,4-Dinitrotoluene						< 0.5	< 0.5
2,6-Dinitrotoluene						< 0.5	< 0.5
2-Chloronaphthalene						< 0.5	< 0.5
2-Methylnaphthalene						< 0.5	< 0.5
2-Nitroaniline						< 0.5	< 0.5
3-Nitroaniline						< 0.5	< 0.5
4-Bromophenylphenyl Ether						< 0.5	< 0.5
4-Chloroaniline						< 0.5	< 0.5
4-Chlorophenylphenylether						< 0.5	< 0.5
4-Nitroaniline						< 0.5	< 0.5
Azobenzene						< 0.5	< 0.5

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

						Works Area	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250	MATER STATION <250
						Sample Date	01/12/2020	07/12/2020	07/12/2020	10/12/2020	12/03/2021	15/03/2021	16/03/2021	18/03/2021	30/04/2021	08/08/2007	08/08/2007	08/08/2007	08/08/2007	08/08/2007	08/08/2007	08/08/2007	17/11/2008	17/11/2008	18/11/2008	18/11/2008	18/11/2008	18/11/2008	27/11/2008	27/11/2008	27/11/2008	22/10/2019	22/10/2019
						Location	ABH41	ABH41	ABH41	ABH41	ABH40	ABH40	ABH40	ABH40	ABH40A	MG/BH/440	MG/BH/440	MG/BH/640	MG/BH/641	MG/BH/642A	MG/BH/642A	MG/BH/701	C	C	A1	D	D	D	B1	B1	B1	NBH217	NBH217
						Top Depth (m)	1.5	13	18.2	26.5	1	9.3	14.6	29.6	2.3	0.5	0.5	1.5	0.5	1	1	0.5	1.2	2.6	0.2	0.6	1.2	1.2	2	2.2	0.6	1.4
						Base Depth (m)										0.5		1.5	0.5	1	2	0.5	1.2	2.6	0.2	0.6	1.2	1.2				0.6	1.4
Bis(2-Chloroethoxy)Methane					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Bis-(2-Chloroethyl)Ether					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Bis(2-Chloroisopropyl)Ether					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	3.9
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Carbazole					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.069																	< 0.5	< 0.5
Dibenzofuran					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.18																	< 0.5	< 0.5
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Dimethylphthalate					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	0.56	2.3
Hexachlorobenzene	1.8	S4ULL	110	S4ULL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Hexachlorobutadiene	0.29	S4ULL	31	S4ULL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Hexachlorocyclopentadiene					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Hexachloroethane	0.2	EIC	22	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Isophorone					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
Nitrobenzene					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
N-Nitrosodimethylamine					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																		
N-Nitrosodi-N-propylamine					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
SVOC TIC					mg/kg						< 0	< 0	< 0	< 0	< 0																	
2,4,5-Trichlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
2,4,6-Trichlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
2,4-Dichorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
2-Chlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
2-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
2-Nitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
4-Chloro-3-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
4-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
4-Nitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	3.9
Phenol	120	S4ULL	440	S4ULL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01		< 0.01	< 0.01		< 0.01	0.03		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	< 0.5
Pentachlorophenol	0.22	S4ULL	400	S4ULL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	< 0.5	< 0.5
1-naphthol					mg/kg											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													
2,3,5-trimethyl phenol					mg/kg											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													
2-Isopropylphenol					mg/kg											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													
Catechol					mg/kg											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01													
2-Methyl-4,6-Dinitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05																	1.1	1.2
Resorcinol					mg/kg											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
Total Cresols					mg/kg											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
Total Phenols					mg/kg											< 0.01	< 0.01	< 0.01	< 0.01	0.03	< 0.01												
Xylenols					mg/kg											< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
Propylene Glycol					mg/kg											< 10	< 10	< 10	< 10	< 10													
Ethylene Glycol					mg/kg											< 10	< 10	< 10	< 10	< 10													
Diethylene Glycol					mg/kg											< 10	< 10	< 10	< 10	< 10													
Triethylene Glycol					mg/kg																												
Dipropylene Glycol					mg/kg																												
Total Glycol					mg/kg																												
Methanol					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
Ethanol					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
Isopropyl Alcohol					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
n-Propanol					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
n-Butyl Alcohol					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
n-Pentyl Alcohol					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
n-Hexyl alcohol					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
n-Heptyl alcohol					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
METHYL ACETATE					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
Ethyl acetate					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
n-Propyl acetate					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
n-Propyl acetate					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
n-Butyl Acetate					mg/kg											< 1	< 1	< 1	< 1	< 1	< 1												
PCB 28 (Trichlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
PCB 52 (Tetrachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
PCB 101 (Pentachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
PCB 118					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	
PCB 118					ng/kg						5.9																					
PCB 138 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
PCB 153 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
PCB 180 (Heptachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Pcb, Total Of 7 Congeners					mg/kg		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
PCB 77					mg/kg																									< 0.01	< 0.01	
PCB 77					ng/kg						< 0.13																					
PCB 81					mg/kg																									< 0.01	< 0.01	
PCB 81					ng/kg						1.78																					
PCB 105					mg/kg																									< 0.01	< 0.01	
PCB 105					ng/kg						2.62																					
PCB 114					mg/kg																									< 0.01	< 0.01	
PCB 114					ng/kg						0.237																					
PCB 123					mg/kg																									< 0.01	< 0.01	
PCB 123					ng/kg						0.22																					
PCB 126					mg/kg																									< 0.01	< 0.01	
PCB 126					ng/kg						< 0.12																					
PCB 156					mg/kg																									< 0.01	< 0.01	
PCB 156					ng/kg						0.405																					
PCB 157					mg/kg																									< 0.01	< 0.01	
PCB 157					ng/kg						0.185																					
PCB 167					mg/kg																									< 0.01	< 0.01	
PCB 167					ng/kg						0.271																					
PCB 169					mg/kg																									< 0.01	< 0.01	
PCB 169					ng/kg						< 0.13																					
PCB 189					mg/kg																									< 0.01	< 0.01	
PCB 189					ng/kg						< 0.27																					
Total PCBs (12 Congeners)					mg/kg																									< 0.12	< 0.12	
Aldrin	5.7	S4ULL	170	S4ULL	mg/kg																											
Alpha-Bhc	0.23	S4ULL	170	S4ULL	mg/kg																											
Beta-Bhc	0.085	S4ULL	65	S4ULL	mg/kg																											
Delta-Bhc					mg/kg																											
Alpha-Chlordane					mg/kg																											
Gamma-Chlordane					mg/kg																											
Dieldrin	0.97	S4ULL	170	S4ULL	mg/kg																											
Endosulfan Sulfate					mg/kg																											
Endosulfan I	7.4	S4ULL	5600	S4ULL	mg/kg																											
Endosulfan II	7	S4ULL	6300	S4ULL	mg/kg																											
Endrin					mg/kg																											
Endrin Aldehyde					mg/kg																											
Endrin Ketone					mg/kg																											
gamma-BHC (Lindane)					mg/kg																											
4,4'-DDD					mg/kg																											
4,4'-DDE					mg/kg																											
4,4'-DDT					mg/kg																											
g,g'-Methoxychlor					mg/kg																											
Guthion (Azinphos-methyl)					mg/kg																											
Coumaphos					mg/kg																											
Dsmeton-S					mg/kg																											
Diazinon					mg/kg																											
Dichlorvos	0.032	S4ULL	140	S4ULL	mg/kg																											
DISULFOTON					mg/kg																											
Ethion					mg/kg																											
Fenitrothion					mg/kg																											
Fensulfothion					mg/kg																											
Fenthion					mg/kg																											
Heptachlor					mg/kg																											
Heptachlor Epoxide					mg/kg																											
Malathion					mg/kg																											
Methoxychlor					mg/kg																											
PARATHION, METHYL					mg/kg																											
Mevinphos					mg/kg																											
PHORATE					mg/kg																											
Sulprofos					mg/kg																											
Tokuthion					mg/kg																											
Trichloronate					mg/kg																											
2,4-Dichlorophenoxyacetic acid					mg/kg																											
2,4-DP (DICHLORPROP)					mg/kg																											
2,4,5-T					mg/kg																											
Ametryn					mg/kg																											
Atraton					mg/kg																											
Atrazine	3.3	S4ULL	9300	S4ULL	mg/kg																											
Chlortoluron					mg/kg																											
Diuron					mg/kg																											
Isoproturon					mg/kg																											
Linuron					mg/kg																											
MCPA					mg/kg																											
MCPB					mg/kg																											
MCPP (MECOPROP)					mg/kg																											
Methabenzthiazuron					mg/kg																											
Monuron					mg/kg																											
Prometon					mg/kg																											
Prometryne					mg/kg																											
Propazine					mg/kg																											
Secbumeton					mg/kg																											
Simazine					mg/kg																											
Simetryn					mg/kg																											
Terbuthylazine					mg/kg																											
Terbutryn					mg/kg																											
1,2,3,7,8-PeCDD																																
1,2,3,7,8-PeCDF																																
1,2,3,6,7,8-HxCDD																																
1,2,3,7,8,9-HxCDD																																
1,2,3,7,8,9-HxCDF																																
1,2,3,4,7,8-HxCDD																																
1,2,3,4,7,8-HxCDF																																
1,2,3,4,6,7,8-HpCDD																																
1,2,3,4,7,8,9-HpCDF																																
Total 2,3,7,8-Furans																																
Total 2,3,7,8-Dioxins																																

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	MATER STATION <250	MATER STATION <250	MATER STATION <250	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION
					Sample Date	01/11/2019	27/01/2020	01/03/2021	20/05/2019	20/05/2019	20/05/2019	23/05/2019	24/05/2019
					Location	NBH214	NBH214	ABH39	NBH22	NBH23A	NBH23A	NBH24	NBH24
					Top Depth (m)	0.5	4	23.7	0.7	0.5	1.2	1	0.3
					Base Depth (m)	0.5	4		0.7	0.5	1.2	1	0.3
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units								
Asbestos by Gravimetry.					%								
Asbestos Containing Material.					-								
Asbestos Identification.					%	No Asbestos Detected			No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Total Asbestos					%								
Moisture					%	5.1			7.8	11	11	11	14
pH					pH UNITS	8.6	8.6	8.9	11.3	9.2	9.1	8.2	8
Total Organic Matter					%	4.8	0.79		0.98	2.8	6.4	6.9	7.8
Total Organic Carbon					%			1.6				3.5	
Undried Mass of Test Portion					g							196	
Cyanide (Total)					mg/kg	< 0.5			< 0.5	< 0.5	0.6	< 0.5	< 0.5
Loss on ignition					%			2.3				4.7	
Chloride					mg/kg								
Fluoride					mg/kg								
Sulphate (2:1 Water Soluble) as SO4					g/l	0.091	0.17		0.53	0.63	0.4	0.8	
Sulphate (acid soluble as SO4)					%								
Sulphide					mg/kg								
Total Sulphur					%								
Antimony			7500	EIC	mg/kg	9.6		2.8	< 0.01	< 2	3.3	2.6	2.9
Arsenic	**37**	C4SL	640	C4SL	mg/kg	**420**		20	18	20	26	**44**	**38**
Barium			22000	EIC	mg/kg			18					
Beryllium	**1.7**	S4UL	12	S4UL	mg/kg								
Boron (Water soluble)					mg/kg								
Cadmium	22	C4SL	410	C4SL	mg/kg	6		5.4	1.1	0.62	0.76	1.4	1.2
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg			< 0.5					
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg			11					
Chromium	910	S4UL	8600	S4UL	mg/kg	12			21	15	20	16	17
Copper	2400	S4UL	68000	S4UL	mg/kg	1300		17	20	25	33	62	73
Lead	**200**	C4SL	2300	C4SL	mg/kg	**1300**		6.8	58	130	170	190	170
Mercury	**1.2**	S4UL	58	S4UL	mg/kg	0.54		< 0.05	0.19	0.32	0.24	0.94	0.67
Molybdenum			17000	EIC	mg/kg	18		12	< 0.05	< 2	< 2	4.4	6.7
Nickel	**130**	S4UL	980	S4UL	mg/kg	25		16	35	22	30	52	53
Selenium	250	S4UL	12000	S4UL	mg/kg	0.74		3.6	0.23	< 0.2	0.2	0.61	0.71
Vanadium	410	S4UL	9000	S4UL	mg/kg	22			20	21	30	33	39
Zinc	3700	S4UL	730000	S4UL	mg/kg	2500		120	73	100	160	97	97
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	**27**	S4UL	2000	S4UL	mg/kg	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	**130**	S4UL	9700	S4UL	mg/kg	13		< 1	< 1	< 1	1.7	< 1	7.2
Aliphatic TPH >C12-C16	**1100**	S4UL	59000	S4UL	mg/kg	28		< 1	< 1	1.2	3	5	13
Aliphatic TPH >C16-C21					mg/kg	27		< 1	< 1	5.1	8.6	8.7	< 1
Aliphatic TPH >C21-C35					mg/kg	120		< 1	< 1	35	49	33	32
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	160		< 1	< 1	< 1	33	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	350		< 5	< 5	42	96	47	52
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	**34**	S4UL	3500	S4UL	mg/kg	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	**74**	S4UL	16000	S4UL	mg/kg	12		< 1	< 1	< 1	7	< 1	1.6
Aromatic TPH >C12-C16	**140**	S4UL	36000	S4UL	mg/kg	**170**		< 1	< 1	3.2	66	1.2	20
Aromatic TPH >C16-C21	**260**	S4UL	28000	S4UL	mg/kg	**700**		< 1	< 1	44	**260**	1.9	95
Aromatic TPH >C21-C35	**1100**	S4UL	28000	S4UL	mg/kg	**2300**		< 1	< 1	260	770	41	150
Aromatic TPH >C35-C44	**1100**	S4UL	28000	S4UL	mg/kg	16		< 1	< 1	2.4	17	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	3200		< 5	< 5	310	1100	44	270
Total Petroleum Hydrocarbons					mg/kg	3500		< 10	< 10	350	1200	91	320
TPH >C10-40					mg/kg							20	
PRO					mg/kg								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	30		< 0.05	< 0.5	1.6	17	< 0.5	0.14
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	4.2		< 0.05	< 0.5	< 0.5	3.4	< 0.5	0.19
Anthracene	2400	S4UL	520000	S4UL	mg/kg	46		< 0.05	< 0.5	2.7	32	< 0.5	0.1
Benzo[a]anthracene	**7.2**	S4UL	170	S4UL	mg/kg	**94**		< 0.05	< 0.5	6.5	**70**	< 0.5	< 0.5
Benzo[a]pyrene	**5**	C4SL	77	C4SL	mg/kg			< 0.05	< 0.5	**6.1**	**59**	< 0.5	< 0.5
Benzo[b]fluoranthene	**2.6**	S4UL	44	S4UL	mg/kg			< 0.05	< 0.5	**7.1**		< 0.5	< 0.5
benzo(b,k)fluoranthene					mg/kg								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	60		< 0.05	< 0.5	3.8	40	< 0.5	< 0.5
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	39		< 0.05	< 0.5	2.7	28	< 0.5	< 0.5
Chrysene	**15**	S4UL	350	S4UL	mg/kg	**76**		< 0.05	< 0.5	6	**68**	< 0.5	< 0.5
Dibenz(a,h)Anthracene	**0.24**	S4UL	3.5	S4UL	mg/kg			< 0.05	**< 0.5**	**0.71**		**< 0.5**	**< 0.5**
Fluoranthene	**280**	S4UL	23000	S4UL	mg/kg	**310**		< 0.05	0.35	14	170	< 0.5	0.32
Fluorene	170	S4UL	63000	S4UL	mg/kg	32		< 0.05	< 0.5	1.7	17	< 0.5	0.22
Indeno(1,2,3-c,d)Pyrene	**27**	S4UL	500	S4UL	mg/kg	**56**		< 0.05	< 0.5	3.7	**42**	< 0.5	< 0.5
Naphthalene	**2.3**	S4UL	190	S4UL	mg/kg	**5.1**		< 0.05	< 0.5	1.8	**12**	< 0.5	0.07
Phenanthrene	**95**	S4UL	22000	S4UL	mg/kg	**260**		< 0.05	< 0.5	12	**150**	< 0.5	1.3
Pyrene	**620**	S4UL	54000	S4UL	mg/kg	310		< 0.05	0.47	14	170	< 0.5	0.36
PAH, Total Detected USEPA 16					mg/kg	1600			0.82	85	960	< 2	2.7
Coronene					mg/kg			< 0.01					
Total Of 17 PAH's					mg/kg	1600		< 0.2	0.82			< 2	2.7
Benzene	**0.2**	C4SL	27	C4SL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	0.0017		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001		< 0.001	< 0.001	0.0012	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001		< 0.001	< 0.001	0.005	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	0.0015		< 0.001	< 0.001	0.0044	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg								
Total BTEX					mg/kg							< 0.01	
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	0.0091		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	0.0021		< 0.001	< 0.001	0.0036	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	**0.0071**	S4UL	0.67	S4UL	mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	0.0018		< 0.001	< 0.001	0.0035	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	**0.4**	S4UL	30	S4UL	mg/kg	**< 0.5**		< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
1,3-Dichloropropane					mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	**0.31**	C4SL	24	C4SL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	**0.0093**	C4SL	0.73	C4SL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg			< 0					
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylnaphthalene					mg/kg	< 0.5		< 0.05	< 0.5	0.71	1.9	< 0.5	< 0.5
2-Nitroaniline					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
3-Nitroaniline					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenylphenyl Ether					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloroaniline					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorophenylphenylether					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitroaniline					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Azobenzene					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

Works Area	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION
Sample Date	05/11/2019	05/11/2019	03/12/2020	14/12/2020	14/12/2020	14/12/2020	15/12/2020	16/03/2021
Location	NBH304	NBH304	ABH45	ABH45	ABH45	ABH45	ABH45	ABH45
Top Depth (m)	0.5	1	1	3.5	4.5	5.5	12.5	0.5
Base Depth (m)	0.5	1						
Analyte								
Asbestos by Gravimetry.								
Asbestos Containing Material.								
Asbestos Identification.	No Asbestos Detected	No Asbestos Detected	No result	No result		No result		No result
Total Asbestos								
Moisture	12	10						
pH	10.5	10.4	9.1	9.2	9.2	10.2	9.1	10.5
Total Organic Matter	1.6	1.1						
Total Organic Carbon			2.4	0.7	0.49	0.43	0.25	2.8
Undried Mass of Test Portion								
Cyanide (Total)	< 0.5	< 0.5						
Loss on ignition			5	3.2	1.5	1.7	1	6.7
Chloride								
Fluoride								
Sulphate (2:1 Water Soluble) as SO4	0.9	0.55						
Sulphate (acid soluble as SO4)								
Sulphide								
Total Sulphur								
Antimony	< 0.1	< 0.1	2.4	< 2	< 2	< 2	< 2	2.8
Arsenic	20	21	15	19	15	15	15	17
Barium			110	69	38	54	20	180
Beryllium								
Boron (Water soluble)								
Cadmium	0.92	0.83	0.69	1	1.2	1.5	0.95	1.1
Chromium, Hexavalent (Cr6+)			< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)			9.5	14	11	14	15	20
Chromium	21	23						
Copper	31	32	29	24	16	18	8.8	30
Lead	75	40	93	76	19	12	19	180
Mercury	0.36	0.26	0.26	0.79	0.14	0.07	0.05	0.4
Molybdenum	2.3	< 0.5	< 2	2.7	2.2	3.3	< 2	< 2
Nickel	28	28	18	45	29	30	18	28
Selenium	< 0.2	< 0.2	< 0.2	0.93	0.35	0.41	0.27	< 0.2
Vanadium	30	30						
Zinc	62	92	160	130	61	61	35	95
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	5.5	< 1	< 1	< 1	< 1	19
Aliphatic TPH >C12-C16	< 1	< 1	6.1	< 1	< 1	< 1	< 1	20
Aliphatic TPH >C16-C21	< 1	< 1	8.7	< 1	< 1	< 1	< 1	25
Aliphatic TPH >C21-C35	< 1	< 1	4.1	13	< 1	< 1	< 1	100
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	55
Total Aliphatic Hydrocarbons	< 5	< 5	24	13	< 5	< 5	< 5	220
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7								
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**110**
Aromatic TPH >C12-C16	< 1	< 1	40	< 1	< 1	< 1	< 1	**310**
Aromatic TPH >C16-C21	< 1	< 1	160	4	< 1	< 1	< 1	**970**
Aromatic TPH >C21-C35	< 1	< 1	560	46	< 1	< 1	< 1	**2200**
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	180
Total Aromatic Hydrocarbons	< 5	< 5	760	50	< 5	< 5	< 5	3800
Total Petroleum Hydrocarbons	< 10	< 10	780	63	< 10	< 10	< 10	4000
TPH >C10-40								
PRO								
Acenaphthene	0.15	< 0.01	5.3	< 0.05	< 0.05	< 0.05	< 0.05	8.6
Acenaphthylene	0.53	< 0.01	0.39	< 0.05	< 0.05	< 0.05	< 0.05	0.47
Anthracene	0.17	< 0.01	9	0.37	0.054	0.16	< 0.05	12
Benzo[a]anthracene	0.13	< 0.01	**21**	0.68	0.086	1.1	< 0.05	**29**
Benzo[a]pyrene	0.34	< 0.01	**19**	0.52	0.11	1.5	< 0.05	**24**
Benzo[b]fluoranthene	0.66	< 0.01	**23**	0.71	0.12	2	< 0.05	**30**
benzo(b,k)fluoranthene								
Benzo[g,h,i]perylene	< 0.01	< 0.01	11	0.3	0.086	1.2	< 0.05	13
Benzo[k]fluoranthene	0.5	< 0.01	9.4	0.26	0.064	0.54	< 0.05	10
Chrysene	0.35	< 0.01	**18**	0.6	0.075	1.2	< 0.05	**29**
Dibenz(a,h)Anthracene	< 0.01	< 0.01	**2.8**	< 0.05	< 0.05	**0.24**	< 0.05	
Fluoranthene	1.3	< 0.01	47	1.5	0.19	2	0.14	64
Fluorene	0.3	< 0.01	4.3	< 0.05	< 0.05	< 0.05	< 0.05	6.9
Indeno(1,2,3-c,d)Pyrene	< 0.01	< 0.01	11	0.45	0.064	0.8	< 0.05	13
Naphthalene	0.14	< 0.01	**2.7**	< 0.05	< 0.05	< 0.05	< 0.05	**6.3**
Phenanthrene	0.57	< 0.01	35	1.3	0.17	0.39	0.22	58
Pyrene	1.4	< 0.01	37	1.2	0.17	1.7	0.14	53
PAH, Total Detected USEPA 16	6.5	< 0.2						
Coronene			1.5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	6.5	< 0.2	260	7.9	0.58	0.52	0.54	260
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total								
Total BTEX								
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	0.0046	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane								
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0036	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	**0.015**	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0041	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC						< 0		< 0
2,4-Dinitrotoluene	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	< 0.5	< 0.5	0.54	< 0.05	< 0.05	< 0.05	< 0.05	3.6
2-Nitroaniline	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Works Area	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION
Sample Date	16/03/2021	16/03/2021	19/03/2021	19/03/2021	19/03/2021	19/03/2021	19/03/2021	23/03/2021
Location	ABH45	ABH45	ABH45A	ABH45A	ABH46	ATP47	ATP47	ABH46
Top Depth (m)	3	10.5	15.5	22	1.5	0.2	2.2	2.5
Base Depth (m)								
Analyte								
Asbestos by Gravimetry.								
Asbestos Containing Material.								
Asbestos Identification.	No result	No result			No result	No result	No result	No result
Total Asbestos								
Moisture								
pH	11.5	8.9	9.3	9	9.6	11.5	10.3	8.7
Total Organic Matter								
Total Organic Carbon	0.34	< 0.2	0.21	1.1	3.8	0.41	2.6	1.3
Undried Mass of Test Portion								
Cyanide (Total)								
Loss on ignition	1.9	1.1	2.1	2.2	6.5	2.1	3.1	3.2
Chloride								
Fluoride								
Sulphate (2:1 Water Soluble) as SO4								
Sulphate (acid soluble as SO4)								
Sulphide								
Total Sulphur								
Antimony	< 2	< 2	2.6	3.1	3.4	5.7	4.8	< 2
Arsenic	17	13	18	13	**42**	24	14	20
Barium	100	42	120	52	73	180	220	48
Beryllium								
Boron (Water soluble)								
Cadmium	0.63	1.3	1	0.21	0.89	0.74	0.83	1
Chromium, Hexavalent (Cr6+)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	18	8.4	29	12	8.2	11	14	11
Chromium								
Copper	130	25	28	14	30	26	16	22
Lead	37	14	32	6.7	140	120	68	61
Mercury	0.08	< 0.05	0.07	< 0.05	0.35	0.21	0.13	0.37
Molybdenum	< 2	2.5	2.1	16	2.5	< 2	< 2	2.1
Nickel	44	26	50	19	28	17	18	26
Selenium	< 0.2	0.51	0.28	2.4	< 0.2	< 0.2	< 0.2	0.21
Vanadium								
Zinc	140	49	78	12	48	160	110	77
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	14	< 1
Aliphatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	14	< 1
Aliphatic TPH >C21-C35	22	< 1	< 1	< 1	< 1	41	74	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	22	< 5	< 5	< 5	< 5	41	100	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7								
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	45	< 1
Aromatic TPH >C16-C21	10	< 1	< 1	< 1	< 1	26	170	< 1
Aromatic TPH >C21-C35	120	< 1	< 1	< 1	< 1	210	770	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	130	< 5	< 5	< 5	< 5	240	980	< 5
Total Petroleum Hydrocarbons	150	< 10	< 10	< 10	< 10	280	1100	< 10
TPH >C10-40								
PRO								
Acenaphthene	0.1	< 0.05	0.057	< 0.05	0.14	0.17	2.1	< 0.05
Acenaphthylene	0.17	< 0.05	< 0.05	< 0.05	0.051	< 0.05	0.16	< 0.05
Anthracene	0.38	0.11	< 0.05	< 0.05	0.14	0.3	3.1	0.11
Benzo[a]anthracene	1.7	0.19	0.095	< 0.05	0.42	1.2	**9**	0.22
Benzo[a]pyrene	1.4	0.15	0.14	< 0.05	0.41	1	**8.4**	0.28
Benzo[b]fluoranthene	1.8	0.2	0.11	< 0.05	0.48	1.4	**10**	0.47
benzo(b,k)fluoranthene								
Benzo[g,h,i]perylene	0.8	0.12	< 0.05	< 0.05	0.31	0.69	4.6	0.36
Benzo[k]fluoranthene	0.61	0.079	< 0.05	< 0.05	0.2	0.54	3.9	0.24
Chrysene	1.5	0.12	0.12	< 0.05	0.48	1.1	8.1	0.27
Dibenz(a,h)Anthracene	0.23	0.1	< 0.05	< 0.05	0.12	0.17	**1.3**	**0.28**
Fluoranthene	3.3	0.41	0.24	0.071	1	2.4	20	0.27
Fluorene	0.12	< 0.05	< 0.05	< 0.05	0.11	0.12	1.5	< 0.05
Indeno(1,2,3-c,d)Pyrene	0.68	0.16	< 0.05	< 0.05	0.27	0.69	5.8	0.51
Naphthalene	0.17	< 0.05	0.068	< 0.05	0.26	0.13	0.67	< 0.05
Phenanthrene	1.6	0.3	0.17	0.053	1.4	1.3	14	0.25
Pyrene	2.8	0.32	0.18	0.065	0.9	2	16	0.23
PAH, Total Detected USEPA 16								
Coronene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	5.7	2.3	1.3	0.22	6.7	13	110	3.5
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total								
Total BTEX								
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane								
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	0.016	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	**0.035**	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
2,4-Dinitrotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	0.065	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.55	< 0.05
2-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

Works Area						MATER STATION <250	MATER STATION <250	MATER STATION <250	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION
Sample Date						01/11/2019	27/01/2020	01/03/2021	20/05/2019	20/05/2019	20/05/2019	23/05/2019	24/05/2019	05/11/2019	05/11/2019	03/12/2020	14/12/2020	14/12/2020	14/12/2020	15/12/2020	16/03/2021	16/03/2021	16/03/2021	19/03/2021	19/03/2021	19/03/2021	19/03/2021	19/03/2021	23/03/2021
Location						NBH214	NBH214	ABH39	NBH22	NBH23A	NBH23A	NBH24	NBH24	NBH304	NBH304	ABH45	ABH45	ABH45	ABH45	ABH45	ABH45	ABH45	ABH45	ABH45A	ABH45A	ABH46	ATP47	ATP47	ABH46
Top Depth (m)						0.5	4	23.7	0.7	0.5	1.2	1	0.3	0.5	1	1	3.5	4.5	5.5	12.5	0.5	3	10.5	15.5	22	1.5	0.2	2.2	2.5
Base Depth (m)						0.5	4		0.7	0.5	1.2	1	0.3	0.5	1														
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole					mg/kg	< 0.5		< 0.05	< 0.5	0.93	3.4	< 0.5	< 0.5	< 0.5	< 0.5	1.4	< 0.05	< 0.05	0.066	< 0.05	4.5	0.13	< 0.05	< 0.05	< 0.05	< 0.05	0.11	1.4	< 0.05
Dibenzofuran					mg/kg	< 0.5		< 0.05	< 0.5	0.97	3.8	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	5	0.12	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.1	< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg	**< 0.5**		< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg	**< 0.5**		< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg			< 0.05		< 0.5	< 0.5					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC					mg/kg			< 0											< 0			< 0	< 0	< 0	< 0	< 0	< 0		< 0
2,4,5-Trichlorophenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol					mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.5		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg	**< 0.5**		< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1-naphthol					mg/kg																								
2,3,5-trimethyl phenol					mg/kg																								
2-isopropylphenol					mg/kg																								
Catechol					mg/kg																								
2-Methyl-4,6-Dinitrophenol					mg/kg	1		< 0.05	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.1	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Resorcinol					mg/kg																								
Total cresols					mg/kg																								
Total Phenols					mg/kg																								
Xylenols					mg/kg																								
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
Dipropylene Glycol					mg/kg																								
Total Glycol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
i-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg			< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg			< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg			< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg														3.27	1.77	3070	75.8	3.14						
PCB 138 (Hexachlorobiphenyl)					mg/kg			< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg			< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg			< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg			< 0.1				< 0.1				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 77					ng/kg														< 0.07	< 0.04	19.9	< 0.1	< 0.1						
PCB 81					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 81					ng/kg														1.75	0.422	507	6	1.49						
PCB 105					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 105					ng/kg														1.66	0.864	2020	31.4	1.13						
PCB 114					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 114					ng/kg														< 0.08	< 0.12	118	1.25	< 0.15						
PCB 123					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 123					ng/kg														< 0.08	< 0.16	94.4	1.28	< 0.16						
PCB 126					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 126					ng/kg														< 0.67	< 0.38	19.1	< 0.73	< 0.14						
PCB 156					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 156					ng/kg														0.325	0.185	243	9.23	0.331						
PCB 157					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 157					ng/kg														0.191	< 0.11	43.1	2.41	< 0.09						
PCB 167					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 167					ng/kg														0.109	< 0.12	102	3.69	0.135						
PCB 169					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 169					ng/kg														< 0.01	< 0.01	2.56	< 0.01	< 0.08						
PCB 189					mg/kg	< 0.01			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01														
PCB 189					ng/kg														< 0.25	< 0.17	53.4	0.621	< 0.26						
Total PCBs (12 Congeners)					mg/kg	< 0.12			< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12														
Aldrin	5.7	S4UL	170	S4UL	mg/kg																								
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																								
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg																								
Delta-Bhc					mg/kg																								
Alpha-Chlordane					mg/kg																								
Gamma-Chlordane					mg/kg																								
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																								
Endosulfan Sulfate					mg/kg																								
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																								
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																								
Endrin					mg/kg																								
Endrin Aldehyde					mg/kg																								
Endrin Ketone					mg/kg																								
gamma-BHC (Lindane)					mg/kg																								
4,4'-DDD					mg/kg																								
4,4'-DDE					mg/kg																								
4,4'-DDT					mg/kg																								
p,p'-Methoxychlor					mg/kg																								
Guthion (Azinphos-methyl)					mg/kg																								
Coumaphos					mg/kg																								
Demeton-S					mg/kg																								
Diazinon					mg/kg																								
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																								
DISULFOTON					mg/kg																								
Ethion					mg/kg																								
Fenitrothion					mg/kg																								
Fensulfothion					mg/kg																								
Fenthion					mg/kg																								
Heptachlor					mg/kg																								
Heptachlor Epoxide					mg/kg																								
Malathion					mg/kg																								
Methoxychlor					mg/kg																								
PARATHION, METHYL					mg/kg																								
Mevinphos					mg/kg																								
PHORATE					mg/kg																								
Sulprofos					mg/kg																								
Tokuthion					mg/kg																								
Trichloronate					mg/kg																								
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLOROPROP)					mg/kg																								
2,4,5-T					mg/kg																								
Ametryn					mg/kg																								
Atraton					mg/kg																								
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																								
Chlortoluron					mg/kg																								
Diuron					mg/kg																								
Isoproturon					mg/kg																								
Linuron					mg/kg																								
MCPA					mg/kg																								
MCPB					mg/kg																								
MCPP (MECOPROP)					mg/kg																								
Methabenzthiazuron					mg/kg																								
Monuron					mg/kg																								
Prometon					mg/kg																								
Prometryne					mg/kg																								
Propazine					mg/kg																								
Secbumeton					mg/kg																								
Simazine					mg/kg																								
Simetryn					mg/kg																								
Terbuthylazine					mg/kg																								
Terbutryn					mg/kg																								
1,2,3,7,8-PeCDD																													
1,2,3,7,8-PeCDF																													
1,2,3,6,7,8-HxCDD																													
1,2,3,7,8,9-HxCDD																													
1,2,3,7,8,9-HxCDF																													
1,2,3,4,7,8-HxCDD																													
1,2,3,4,7,8-HxCDF																													
1,2,3,4,6,7,8-HpCDD																													
1,2,3,4,7,8,9-HpCDF																													
Total 2,3,7,8-Furans																													
Total 2,3,7,8-Dioxins																													

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

Works Area						O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST <250	O'CONNELL ST <250	O'CONNELL ST <250	TARA STATION
Sample Date						23/03/2021	23/03/2021	23/03/2021	23/03/2021	09/10/1999	08/11/2019	12/11/2019	11/06/2019
Location						ABH46	ABH46	ABH46	ABH46	BH10	NBH302	NBH303	NBH25
Top Depth (m)						4.6	14	20	29.8	1.2	0.5	0.5	1.2
Base Depth (m)										1.2	0.5	0.5	1.2
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units								
Asbestos by Gravimetry.					%								
Asbestos Containing Material.					-								
Asbestos Identification.					%						No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Total Asbestos					%								
Moisture					%						13	7.8	22
pH					pH UNITS	8.7	8.9	8.7	8.7	8.67	8.3	11.7	8.3
Total Organic Matter					%						3.1	< 0.4	22
Total Organic Carbon					%	0.5	0.44	1.4	0.69				8.1
Undried Mass of Test Portion					g								215
Cyanide (Total)					mg/kg						< 0.5	< 0.5	< 0.5
Loss on ignition					%	2	1.5	3.1	1.2				15
Chloride					mg/kg								
Fluoride					mg/kg								
Sulphate (2:1 Water Soluble) as SO4					g/l						< 10	0.6	0.048
Sulphate (acid soluble as SO4)					%					0.06			
Sulphide					mg/kg					12			
Total Sulphur					%					0.05			
Antimony			7500	EIC	mg/kg	< 2	< 2	3	< 2		< 0.1	2.1	5.7
Arsenic	**37**	C4SL	640	C4SL	mg/kg	18	17	17	34	4	16	26	**87**
Barium			22000	EIC	mg/kg	53	45	54	64				
Beryllium	**1.7**	S4UL	12	S4UL	mg/kg								
Boron (Water soluble)					mg/kg					< 1			
Cadmium	22	C4SL	410	C4SL	mg/kg	1.8	0.8	1.4	0.88	< 0.5	2.1	0.78	0.92
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5				
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	17	16	16	19				
Chromium	910	S4UL	8600	S4UL	mg/kg					18	17	21	15
Copper	2400	S4UL	68000	S4UL	mg/kg	23	12	29	37	15	35	27	120
Lead	**200**	C4SL	2300	C4SL	mg/kg	19	10	17	87	36	56	**840**	**490**
Mercury	**1.2**	S4UL	58	S4UL	mg/kg	0.06	< 0.05	< 0.05	0.21	< 0.3	0.21	0.48	**1.6**
Molybdenum			17000	EIC	mg/kg	3.2	2.1	12	5.1		3.5	< 0.5	21
Nickel	**130**	S4UL	980	S4UL	mg/kg	38	23	56	84	12	42	31	56
Selenium	250	S4UL	12000	S4UL	mg/kg	4.9	0.82	4	1.7		0.72	< 0.2	2.2
Vanadium	410	S4UL	9000	S4UL	mg/kg						32	35	39
Zinc	3700	S4UL	730000	S4UL	mg/kg	75	31	40	98	30	92	64	130
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aliphatic TPH >C8-C10	**27**	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aliphatic TPH >C10-C12	**130**	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aliphatic TPH >C12-C16	**1100**	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5		< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aromatic TPH >C8-C10	**34**	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aromatic TPH >C10-C12	**74**	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aromatic TPH >C12-C16	**140**	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aromatic TPH >C16-C21	**260**	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aromatic TPH >C21-C35	**1100**	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Aromatic TPH >C35-C44	**1100**	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1		< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5		< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10		< 10	< 10	< 10
TPH >C10-40					mg/kg								35
PRO					mg/kg								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.078		< 0.01	< 0.01	< 0.5
Benzo[a]anthracene	**7.2**	S4UL	170	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.063		< 0.01	< 0.01	< 0.5
Benzo[a]pyrene	**5**	C4SL	77	C4SL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
Benzo[b]fluoranthene	**2.6**	S4UL	44	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
benzo(b,k)fluoranthene					mg/kg								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
Chrysene	**15**	S4UL	350	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.088		< 0.01	< 0.01	< 0.5
Dibenz(a,h)Anthracene	**0.24**	S4UL	3.5	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	**< 0.5**
Fluoranthene	**280**	S4UL	23000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.11		< 0.01	< 0.01	0.39
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
Indeno(1,2,3-c,d)Pyrene	**27**	S4UL	500	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
Naphthalene	**2.3**	S4UL	190	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.01	< 0.01	< 0.5
Phenanthrene	**95**	S4UL	22000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.17		< 0.01	< 0.01	< 0.5
Pyrene	**620**	S4UL	54000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	0.11		< 0.01	< 0.01	0.34
PAH, Total Detected USEPA 16					mg/kg						< 0.2	< 0.2	0.73
Coronene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01				
Total Of 17 PAH's					mg/kg	< 0.2	< 0.2	< 0.2	0.62		< 0.2	< 0.2	0.73
Benzene	**0.2**	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	**0.21**		< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	0.0058		< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg								
Total BTEX					mg/kg								< 0.01
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	**0.0071**	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	**0.018**		< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	**0.4**	S4UL	30	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		**< 0.5**	**< 0.5**	**< 0.5**
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Tetrachloroethene	**0.31**	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Trichloroethene	**0.0093**	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg	< 0	< 0	< 0	< 0				
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
2-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
3-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
4-Chloroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
4-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5
Azobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5

Works Area	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION
Sample Date	03/07/2019	06/08/2019	06/08/2019	17/02/2021	17/02/2021	19/02/2021	19/02/2021	22/02/2021
Location	NBH26CA	NBH27	NBH64	ABH49	ABH49	ABH49	ABH49	ABH49
Top Depth (m)	1	1	1	0.35	0.85	3	4.5	17.7
Base Depth (m)	1	1	1					
Analyte								
Asbestos by Gravimetry.								
Asbestos Containing Material.								
Asbestos Identification.	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No result	No result	No result		
Total Asbestos								
Moisture	18	25	23					
pH	8.3	8.2	8.2	9.2	8.2	8.2	8.8	9
Total Organic Matter	9.1	19	24					
Total Organic Carbon	5.2	15	8.8	0.88	1	9.7	0.94	0.8
Undried Mass of Test Portion	211	233	231					
Cyanide (Total)	< 0.5	< 0.5	< 0.5					
Loss on ignition	9.6	17	12	2	2.9	10	0.73	3.4
Chloride								
Fluoride								
Sulphate (2:1 Water Soluble) as SO4	0.08	< 0.01	< 0.01					
Sulphate (acid soluble as SO4)								
Sulphide								
Total Sulphur								
Antimony	6.3	7.7	5.7	< 2	33	2.7	< 2	< 2
Arsenic	**38**	**78**	**64**	**92**	12	30	10	19
Barium				130	35	50	10	25
Beryllium								
Boron (Water soluble)								
Cadmium	1.4	0.51	0.7	0.32	0.61	0.66	0.4	< 0.1
Chromium, Hexavalent (Cr6+)				< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)				47	6.7	9.3	7.8	15
Chromium	19	19	20					
Copper	91	140	120	63	150	67	3.8	16
Lead	**700**	**330**	**330**	93	**1800**	**260**	35	26
Mercury	0.83	**1.8**	**1.7**	0.2	**3.9**	**1.4**	< 0.05	< 0.05
Molybdenum	5.3	14	7	< 2	2.8	4.6	< 2	4.6
Nickel	47	70	61	58	14	33	10	43
Selenium	0.51	0.86	0.44	< 0.2	< 0.2	0.49	< 0.2	1.8
Vanadium	32	38	38					
Zinc	120	130	130	130	77	79	27	9.9
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	21	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	21	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7								
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	21	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	21	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	42	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH >C10-40	< 10	< 10	< 10					
PRO								
Acenaphthene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	0.13	< 0.05	< 0.05
Benzo[a]anthracene	< 0.5	0.7	< 0.5	0.11	< 0.05	0.19	< 0.05	< 0.05
Benzo[a]pyrene	< 0.5	< 0.5	< 0.5	0.052	< 0.05	0.18	< 0.05	< 0.05
Benzo[b]fluoranthene	< 0.5	< 0.5	< 0.5	0.063	< 0.05	0.26	< 0.05	< 0.05
benzo(b,k)fluoranthene								
Benzo[g,h,i]perylene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[k]fluoranthene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	0.11	< 0.05	< 0.05
Chrysene	< 0.5	0.84	< 0.5	0.11	< 0.05	0.19	< 0.05	< 0.05
Dibenz(a,h)Anthracene	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	0.56	< 0.5	< 0.5	0.18	< 0.05	0.23	< 0.05	< 0.05
Fluorene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	< 0.5	1.7	1.8	0.11	< 0.05	0.42	< 0.05	< 0.05
Pyrene	0.66	< 0.5	< 0.5	0.19	< 0.05	0.28	< 0.05	< 0.05
PAH, Total Detected USEPA 16	1.2	< 2	< 2					
Coronene				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	1.2	< 2	< 2	0.7	< 0.2	2	< 0.2	< 0.2
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total								
Total BTEX	< 0.01	< 0.01	< 0.01					
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane								
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC								
2,4-Dinitrotoluene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	< 0.5	< 0.5	1.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Works Area	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION
Sample Date	02/03/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	04/03/2021
Location	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50
Top Depth (m)	1.5	2	3	3.5	4	4.5	6	8.3
Base Depth (m)								
Analyte								
Asbestos by Gravimetry.								
Asbestos Containing Material.								
Asbestos Identification.	No result	No result	No result	No result				
Total Asbestos								
Moisture								
pH	8.3	8.8	8.8	8.4	8.7	8.6	8.8	8.8
Total Organic Matter								
Total Organic Carbon	2.2	14	8.6	2.8	4.8	0.27	0.43	0.89
Undried Mass of Test Portion								
Cyanide (Total)								
Loss on ignition	6.3	17	14	7.4	11	1.2	1.5	2
Chloride								
Fluoride								
Sulphate (2:1 Water Soluble) as SO4								
Sulphate (acid soluble as SO4)								
Sulphide								
Total Sulphur								
Antimony	2.6	2.2	< 2	3.1	< 2	< 2	< 2	3.5
Arsenic	24	**41**	27	32	17	33	23	21
Barium	160	77	48	54	36	42	22	< 10
Beryllium								
Boron (Water soluble)								
Cadmium	0.63	0.49	0.4	0.59	0.87	0.51	1.1	2
Chromium, Hexavalent (Cr6+)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	26	11	8.1	52	19	11	12	10
Chromium								
Copper	69	110	80	65	45	16	15	17
Lead	**460**	**270**	**310**	140	73	13	11	15
Mercury	**6.2**	0.98	1.1	0.95	0.48	0.1	< 0.05	< 0.05
Molybdenum	2.9	9.4	3.4	3.6	< 2	3.3	< 2	12
Nickel	26	63	30	47	33	30	23	46
Selenium	0.25	1	0.54	0.54	0.81	< 0.2	< 0.2	4.1
Vanadium								
Zinc	170	96	75	150	93	45	41	49
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 1	6.1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	< 1	29	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	< 5	35	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7								
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	< 1	27	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	< 1	140	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	< 5	170	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	< 10	210	< 10	< 10	< 10	< 10	< 10	< 10
TPH >C10-40								
PRO								
Acenaphthene	0.087	0.79	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	0.058	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	0.3	0.25	0.17	< 0.05	0.095	< 0.05	< 0.05	< 0.05
Benzo[a]anthracene	1.2	0.63	0.26	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[a]pyrene	1.2	0.62	0.24	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[b]fluoranthene	1.7	0.75	0.26	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
benzo(b,k)fluoranthene								
Benzo[g,h,i]perylene	0.65	0.47	0.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[k]fluoranthene	0.52	0.38	0.11	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	1.2	0.56	0.27	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)Anthracene	0.22	**0.34**	0.11	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	2.2	0.7	0.31	< 0.05	0.16	< 0.05	< 0.05	< 0.05
Fluorene	0.072	0.35	0.46	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-c,d)Pyrene	0.65	0.51	0.21	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Naphthalene	0.072	1.3	1.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	1.2	0.93	0.65	< 0.05	0.33	< 0.05	< 0.05	< 0.05
Pyrene	2	0.62	0.26	< 0.05	0.16	< 0.05	< 0.05	< 0.05
PAH, Total Detected USEPA 16								
Coronene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	6.7	9.2	6.2	< 0.2	0.73	< 0.2	< 0.2	< 0.2
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total								
Total BTEX								
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane								
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
2,4-Dinitrotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

						Works Area	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST <250	O'CONNELL ST <250	O'CONNELL ST <250	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION
						Sample Date	23/03/2021	23/03/2021	23/03/2021	23/03/2021	09/10/1999	08/11/2019	12/11/2019	11/06/2019	03/07/2019	06/08/2019	06/08/2019	17/02/2021	17/02/2021	19/02/2021	19/02/2021	22/02/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	04/03/2021
						Location	ABH46	ABH46	ABH46	ABH46	BH10	NBH302	NBH303	NBH25	NBH36CA	NBH27	NBH64	ABH49	ABH49	ABH49	ABH49	ABH49	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50
						Top Depth (m)	4.6	14	20	29.8	1.2	0.5	0.5	1.2	1	1	1	0.35	0.85	3	4.5	17.7	1.5	2	3	3.5	4	4.5	6	8.3
						Base Depth (m)					1.2	0.5	0.5	1.2	1	1	1													
Bis(2-Chloroethoxy)Methane					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.072	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorocyclopentadiene					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	0.2	EIC	22	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC					mg/kg		< 0	< 0	< 0	< 0								< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
2,4,5-Trichlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1-naphthol					mg/kg																								
2,3,5-trimethyl phenol					mg/kg																								
2-Isopropylphenol					mg/kg																								
Catechol					mg/kg																								
2-Methyl-4,6-Dinitrophenol					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Resorcinol					mg/kg																								
Total cresols					mg/kg																								
Total Phenols					mg/kg																								
Xylenols					mg/kg																								
Propylene Glycol					mg/kg													< 0.1	< 0.1					< 0.1	< 0.1		< 0.1		
Ethylene Glycol					mg/kg													< 0.1	< 0.1					< 0.1	< 0.1		< 0.1		
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
Dipropylene Glycol					mg/kg																								
Total Glycol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg													5250	2100	7.29	3.09								
PCB 138 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01								< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg		< 0.1	< 0.1	< 0.1	< 0.1				< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 77					ng/kg													0.453	0.673	1.31	< 0.06								
PCB 81					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 81					ng/kg													29.1	17.6	10.6	< 0.06								
PCB 105					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 105					ng/kg													1370	631	4.11	1.41								
PCB 114					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 114					ng/kg													35.2	18.8	< 0.22	< 0.18								
PCB 123					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 123					ng/kg													134	51	< 0.27	< 0.23								
PCB 126					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 126					ng/kg													9.19	4.26	4.97	< 0.41								
PCB 156					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 156					ng/kg													743	236	1.99	0.207								
PCB 157					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 157					ng/kg													333	95	1.07	< 0.15								
PCB 167					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 167					ng/kg													520	145	0.895	0.169								
PCB 169					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 169					ng/kg													1.43	0.458	< 0.04	< 0.02								
PCB 189					mg/kg							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01												
PCB 189					ng/kg													61.5	15.6	1.64	< 0.17								
Total PCBs (12 Congeners)					mg/kg							< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12												
Aldrin	5.7	S4UL	170	S4UL	mg/kg																								
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																								
Beta-Bhc	0.085	S4UL	65	S4UL	mg/kg																								
Delta-Bhc					mg/kg																								
Alpha-Chlordane					mg/kg																								
Gamma-Chlordane					mg/kg																								
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																								
Endosulfan Sulfate					mg/kg																								
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																								
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																								
Endrin					mg/kg																								
Endrin Aldehyde					mg/kg																								
Endrin Ketone					mg/kg																								
gamma-BHC (Lindane)					mg/kg																								
4,4'-DDD					mg/kg																								
4,4'-DDE					mg/kg																								
4,4'-DDT					mg/kg																								
p,p'-Methoxychlor					mg/kg																								
Guthion (Azinphos-methyl)					mg/kg																								
Coumaphos					mg/kg																								
Demeton-S					mg/kg																								
Diazinon					mg/kg																								
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																								
DISULFOTON					mg/kg																								
Ethion					mg/kg																								
Fenitrothion					mg/kg																								
Fensulfothion					mg/kg																								
Fenthion					mg/kg																								
Heptachlor					mg/kg																								
Heptachlor Epoxide					mg/kg																								
Malathion					mg/kg																								
Methoxychlor					mg/kg																								
PARATHION, METHYL					mg/kg																								
Mevinphos					mg/kg																								
PHORATE					mg/kg																								
Sulprofos					mg/kg																								
Tokuthion					mg/kg																								
Trichloronate					mg/kg																								
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLORPROP)					mg/kg																								
2,4,5-T					mg/kg																								
Ametryn					mg/kg																								
Atraton					mg/kg																								
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																								
Chlortoluron					mg/kg																								
Diuron					mg/kg																								
Isoproturon					mg/kg																								
Linuron					mg/kg																								
MCPA					mg/kg																								
MCPB					mg/kg																								
MCPP (MECOPROP)					mg/kg																								
Methabenzthiazuron					mg/kg																								
Monuron					mg/kg																								
Prometon					mg/kg																								
Prometryne					mg/kg																								
Propazine					mg/kg																								
Secbumeton					mg/kg																								
Simazine					mg/kg																								
Simetryn					mg/kg																								
Terbuthylazine					mg/kg																								
Terbutryn					mg/kg																								
1,2,3,7,8-PeCDD																													
1,2,3,7,8-PeCDF																													
1,2,3,6,7,8-HxCDD																													
1,2,3,7,8,9-HxCDD																													
1,2,3,7,8,9-HxCDF																													
1,2,3,4,7,8-HxCDD																													
1,2,3,4,7,8-HxCDF																													
1,2,3,4,6,7,8-HpCDD																													
1,2,3,4,7,8,9-HpCDF																													
Total 2,3,7,8-Furans																													
Total 2,3,7,8-Dioxins																													

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

Works Area						TARA STATION	TARA STATION	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN
Sample Date						04/03/2021	05/03/2021	06/10/1999	08/08/2007	08/08/2007	08/08/2007	08/08/2007	08/08/2007	12/02/2021	15/02/2021	15/02/2021	15/02/2021	16/02/2021	17/02/2021	11/11/2019	12/11/2019	12/11/2019	27/01/2020	18/11/2020	09/11/2021	09/11/2021	09/11/2021	09/11/2021	09/11/2021
Location						ABH50	ABH50	BH08 (WIMTEC)	MGI/BH/715	MGI/BH/715	MGI/BH/716	MGI/BH/718	MGI/BH/718	ABH48	ABH48	ABH48	ABH48	ABH48	ABH48	NBH219B	NBH219B	NBH219B	NBH219B	ABH53	ABH53	ABH53	ABH54	ABH54	ATP51WS
Top Depth (m)						13.5	23.5	2	1	11	10.46	1	3.65	0.5	2	4.5	6	7.9	26.1	0.5	0.5	1.2	5.6	22.4	0.74	1.5	0.5	2	0.5
Base Depth (m)								2	1	11	11.72	1	3.65							0.5	0.5	1.2	5.6	22.7					
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																								
Asbestos by Gravimetry.					%									0.086															
Asbestos Containing Material.					-									Cement															
Asbestos Identification.					%				No Asbestos Detected	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	Amosite	No result	No result				No Asbestos Detected	No Asbestos Detected	No Asbestos Detected							
Total Asbestos					%									0.086															
Moisture					%				4.2	17.5	49.2	15.5	15							12	7.6	21							
pH					pH UNITS	8.8	8.9	8.36	8.15	7.59		8.04	7.48	9.4	8.3	8.8	9.1	8.6		9.3	9.9	8.8	8.6	9	< 4	8.9	8.7	8.8	8.5
Total Organic Matter					%															3.5	5.2	5	0.69						
Total Organic Carbon					%	0.79	1.4							2.3	14	< 0.2	0.23	0.54	1					1.9	0.8	0.2	1.9	1	4.4
Undried Mass of Test Portion					g																								
Cyanide (Total)					mg/kg				< 2.5	< 2.5		< 2.5	< 2.5							< 0.5	< 0.5	< 0.5							
Loss on ignition					%	3	3.6							3.4	16	2.4	0.66	2						3.1	3.9	2.6	4.9	3.6	9.8
Chloride					mg/kg																								
Fluoride					mg/kg																								
Sulphate (2:1 Water Soluble) as SO4					g/l															0.031	0.024	< 10	0.076						
Sulphate (acid soluble as SO4)					%			0.15																					
Sulphide					mg/kg			2																					
Total Sulphur					%			0.17																					
Antimony			7500	EIC	mg/kg	3.7	3.7							3.6	4.5	< 2	< 2	< 2	< 2	< 0.1	2	2.2		< 2	4.4	2.4	3.2	3.1	4.3
Arsenic	37	C4SL	640	C4SL	mg/kg	21	20	35	< 0.5	< 0.5	< 0.5	27	< 0.5	23	72	15	23	25	36	21	28	28		18	25	21	25	26	20
Barium			22000	EIC	mg/kg	25	25							190	120	36	44	30	23					44	110	67	85	110	130
Beryllium	1.7	S4UL	12	S4UL	mg/kg																								
Boron (Water soluble)					mg/kg			< 1	< 1	9	21	1	1																
Cadmium	22	C4SL	410	C4SL	mg/kg	0.29	0.44	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1	0.63	0.37	0.8	1.3	0.88	1.1	1.3	1.2		1.4	3	2.2	1.7	2.6	1.2
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5							< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5					< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	13	8.2							17	17	7.7	6.4	8.9	5.9					57	29	21	20	26	16
Chromium	910	S4UL	8600	S4UL	mg/kg			27	10	28	21	16	13							14	15	15							
Copper	2400	S4UL	68000	S4UL	mg/kg	33	24	70	7	8	2	79	59	57	140	7.1	7.1	52	49	28	28	40		280	80	67	77	90	75
Lead	200	C4SL	2300	C4SL	mg/kg	34	30	262	25	16	11	478	128	670	470	11	9.8	22	10	92	230	170		21	67	26	140	83	250
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.05	0.07	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	0.68	1.1	< 0.05	< 0.05	< 0.05	< 0.05	0.34	0.3	0.68		< 0.05	0.3	0.12	0.58	0.33	0.81
Molybdenum			17000	EIC	mg/kg	5.2	15							2.3	8.8	< 2	< 2	5.9	3.6	2.8	2.4	2.7		4.1	5.6	4.9	3.8	5.9	< 2
Nickel	130	S4UL	980	S4UL	mg/kg	72	43	44	7	26	19	48	27	29	78	11	16	31	47	35	30	42		140	79	63	48	75	28
Selenium	250	S4UL	12000	S4UL	mg/kg	4.5	4.2		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.2	1.9	< 0.2	< 0.2	0.85	1.3	0.25	< 0.2	0.49		3.2	0.78	0.33	0.86	0.89	0.96
Vanadium	410	S4UL	9000	S4UL	mg/kg															27	21	27							
Zinc	3700	S4UL	730000	S4UL	mg/kg	13	18	147	32	70	59	110	81	150	150	19	33	34	42	63	55	80		77	120	77	110	110	170
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	6.5	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	20	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	12	2.4	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	13	< 1	< 1	< 1	< 1	< 1	120	84	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	63	7.4	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	13	< 5	< 5	< 5	< 5	< 5	220	94	< 5		< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	3.1	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	3.9	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1		5.706	< 0.1	< 0.1	0.778	0.453	< 1	< 1	< 1	< 1	< 1	< 1	68	33	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1		3.123	< 0.1	< 0.1	0.942	0.285	< 1	< 1	< 1	< 1	< 1	< 1	490	190	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1		0.44	< 0.1	< 0.1	0.293	< 0.1	180	< 1	< 1	< 1	< 1	< 1	2400	660	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1							< 1	< 1	< 1	< 1	< 1	< 1	27	< 1	< 1		< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5		9.269	< 0.1	< 0.1	2.013	0.738	180	< 5	< 5	< 5	< 5	< 5	3000	880	< 5		< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10		9.269	< 0.1	< 0.1	2.013	0.738	190	< 10	< 10	< 10	< 10	< 10	3200	980	< 10		< 10	< 10	< 10	< 10	< 10	< 10
TPH >C10-40					mg/kg																								
PRO					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.05	< 0.05		8.015	< 0.001	< 0.001	0.003	0.01	0.22	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1	10	< 0.01		< 0.01	< 0.01	< 0.01	0.11	< 0.01	0.26
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.05	< 0.05		0.053	< 0.001	< 0.001	0.032	0.01	0.17	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.92	3.6	< 0.01		< 0.01	< 0.01	< 0.01	0.05	< 0.01	0.36
Anthracene	2400	S4UL	520000	S4UL	mg/kg	0.06	< 0.05		0.991	< 0.001	< 0.001	0.063	0.059	0.46	0.062	< 0.05	< 0.05	< 0.05	< 0.05	3.2	19	< 0.01		< 0.01	< 0.01	< 0.01	0.21	0.03	0.99
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.05	< 0.05		0.8	< 0.001	< 0.001	0.183	0.094	1.5	0.15	< 0.05	< 0.05	< 0.05	< 0.05	8	46	< 0.01		< 0.01	< 0.01	< 0.01	0.66	0.13	5.6
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.05	< 0.05		0.563	< 0.001	< 0.001	0.197	0.038	1.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	6.6	33	< 0.01		< 0.01	< 0.01	< 0.01	0.99	< 0.01	8.1
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.05	< 0.05							2.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	6.3	32	< 0.01		< 0.01	< 0.01	< 0.01	1.1	< 0.01	8.3
benzo(b,k)fluoranthene					mg/kg				0.894	< 0.001	< 0.001	0.386	0.077																
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.05	< 0.05		0.093	< 0.001	< 0.001	0.061	0.007	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	3.5	18	< 0.01		< 0.01	< 0.01	< 0.01	0.64	< 0.01	4.4
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.05	< 0.05							0.78	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	3.5	15	< 0.01		< 0.01	< 0.01	< 0.01	0.56	< 0.01	3.4
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.05	< 0.05		0.866	< 0.001	< 0.001	0.176	0.094	1.7	0.16	< 0.05	< 0.05	< 0.05	< 0.05	7.6	41	< 0.01		< 0.01	< 0.01	< 0.01	0.92	0.11	5.7
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.05	< 0.05		0.114	< 0.001	< 0.001	0.062	0.019	0.32	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.7	[illegible]	< 0.01		< 0.01	< 0.01	< 0.01	0.56	< 0.01	1.1
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	0.11	< 0.05		7.094	< 0.001	< 0.001	0.206	0.085	3	0.17	< 0.05	< 0.05	< 0.05	0.13	15	83	< 0.01		< 0.01	0.03	< 0.01	1.7	0.25	11
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.05	< 0.05		1.332	< 0.001	< 0.001	0.019	0.027	0.22	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	1.3	11	< 0.01		< 0.01	< 0.01	< 0.01	0.09	< 0.01	0.2
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.05	< 0.05		0.233	< 0.001	< 0.001	0.17	0.026	1.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	3.6	18	< 0.01		< 0.01	< 0.01	< 0.01	1.1	< 0.01	6.9
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.05	< 0.05		4.279	< 0.001	< 0.001	0.429	0.071	0.29	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.82	4.4	< 0.01		< 0.01	< 0.01	< 0.01	0.1	< 0.01	0.21
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	0.18	< 0.05		7.049	< 0.001	< 0.001	0.246	0.181	2.7	0.63	< 0.05	< 0.05	< 0.05	0.14	11	87	< 0.01		< 0.01	< 0.01	< 0.01	1.1	0.15	3.8
Pyrene	620	S4UL	54000	S4UL	mg/kg	0.12	< 0.05		4.956	< 0.001	< 0.001	0.209	0.081	2.7	0.17	< 0.05	< 0.05	< 0.05	0.14	15	93	< 0.01		< 0.01	0.04	< 0.01	1.5	0.25	9.1
PAH, Total Detected USEPA 16					mg/kg				9.402	< 0.001	< 0.001	2.444	0.86							89	520	< 0.2							
Coronene					mg/kg	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's					mg/kg	0.47	< 0.2		9.402	< 0.001	< 0.001	2.444	0.86	20	1.3	< 0.2	< 0.2	< 0.2	0.53	89	520	< 0.2		< 0.2	< 0.2	< 0.2	11	0.92	69
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001						0.022	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
Total BTEX					mg/kg																								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005							< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.05	< 0.05						0.099	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.05	< 0.05						0.028	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorotoluene					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001						0.009	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005							< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005		0.009				0.009	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02							< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002							< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg																								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001						0.054	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001						0.007	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001		0.005			0.155	0.115	0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001							< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg	< 0	< 0																	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05		1.341					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	9.4	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene					mg/kg	< 0.05	< 0.05							< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

						Works Area	TARA STATION	TARA STATION	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN
						Sample Date	04/03/2021	05/03/2021	06/10/1999	08/08/2007	08/08/2007	08/08/2007	08/08/2007	08/08/2007	08/08/2007	12/02/2021	15/02/2021	15/02/2021	15/02/2021	16/02/2021	17/02/2021	11/11/2019	12/11/2019	12/11/2019	27/01/2020	18/11/2020	09/11/2021	09/11/2021	09/11/2021	09/11/2021	09/11/2021
						Location	ABH50	ABH50	BH08 (MMTSC)	MG/BH/TS15	MG/BH/TS15	MG/BH/TS16	MG/BH/TS16	MG/BH/TS18	MG/BH/TS18	ABH48	ABH48	ABH48	ABH48	ABH48	ABH48	NBH219B	NBH219B	NBH219B	NBH219B	ABH53	ABH53	ABH53	ABH54	ABH54	ATPS1WS
						Top Depth (m)	13.5	23.5	2	11	11	10.46	11.72	1	3.65	0.5	2	4.5	6	7.9	26.1	0.5	0.5	1.2	5.6	22.4	0.74	1.5	0.5	2	0.5
						Base Depth (m)			2	1	11		11.72	1	3.65							0.5	0.5	1.2	5.6	22.7					
Bis(2-Chloroethoxy)Methane					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis-(2-Chloroethyl)Ether					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Chloroisopropyl)Ether					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg		< 0.05	< 0.05			3.409					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Carbazole					mg/kg		< 0.05	< 0.05		0.362						< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	5.3	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzofuran					mg/kg		< 0.05	< 0.05		1.259						< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	4.8	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dimethylphthalate					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachlorobutadiene	0.29	S4UL	31	S4UL	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorocyclopentadiene					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Hexachloroethane	0.2	EIC	22	EIC	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Isophorone					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrobenzene					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodimethylamine					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05					< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
N-Nitrosodi-N-propylamine					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
SVOC TIC					mg/kg		< 0	< 0								< 0	< 0	< 0	< 0	< 0	< 0					ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4,6-Trichlorophenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dichlorophenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chlorophenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylphenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitrophenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloro-3-Methylphenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Methylphenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitrophenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenol	120	S4UL	440	S4UL	mg/kg		< 0.05	< 0.05	0.05	< 0.01	< 0.01	0.1		< 0.01	< 0.01	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pentachlorophenol	0.22	S4UL	400	S4UL	mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1-naphthol					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
2,3,5-trimethyl phenol					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
2-Isopropylphenol					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
Catechol					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
2-Methyl-4,6-Dinitrophenol					mg/kg		< 0.05	< 0.05								< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Resorcinol					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
Total cresols					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
Total Phenols					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.04																
Xylenols					mg/kg					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01																
Propylene Glycol					mg/kg					< 10	< 10			< 10	< 10	< 0.1	< 0.1	< 0.1													
Ethylene Glycol					mg/kg					< 10	< 10			< 10	< 10	< 0.1	< 0.1	< 0.1													
Diethylene Glycol					mg/kg					< 10	< 10			< 10	< 10																
Triethylene Glycol					mg/kg																										
Dipropylene Glycol					mg/kg																										
Total Glycol					mg/kg																										
Methanol					mg/kg					< 1	< 1			< 1	< 1																
Ethanol					mg/kg					< 1	< 1			< 1	< 1																
Isopropyl Alcohol					mg/kg					< 1	< 1			< 1	< 1																
n-Propanol					mg/kg					< 1	< 1			< 1	< 1																
n-Butyl Alcohol					mg/kg					< 1	< 1			< 1	< 1																
n-Pentyl Alcohol					mg/kg					< 1	< 1			< 1	< 1																
n-Hexyl alcohol					mg/kg					< 1	< 1			< 1	< 1																
n-Heptyl alcohol					mg/kg					< 1	< 1			< 1	< 1																
METHYL ACETATE					mg/kg					< 1	< 1			< 1	< 1																
Ethyl acetate					mg/kg					< 1	< 1			< 1	< 1																
n-Propyl acetate					mg/kg					< 1	< 1			< 1	< 1																
n-Pntpyl acetate					mg/kg					< 1	< 1			< 1	< 1																
n-Butyl Acetate					mg/kg					< 1	< 1			< 1	< 1																
PCB 28 (Trichlorobiphenyl)					mg/kg		< 0.01	< 0.01		< 0.001	< 0.001			< 0.001	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 52 (Tetrachlorobiphenyl)					mg/kg		< 0.01	< 0.01		< 0.001	< 0.001			< 0.001	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 101 (Pentachlorobiphenyl)					mg/kg		< 0.01	< 0.01		< 0.001	< 0.001			< 0.001	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					mg/kg		< 0.01	< 0.01		< 0.001	< 0.001			< 0.001	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg											1410										< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 138 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01		< 0.001	< 0.001			< 0.001	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 153 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01		< 0.001	< 0.001			< 0.001	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 180 (Heptachlorobiphenyl)					mg/kg		< 0.01	< 0.01		< 0.001	< 0.001			< 0.001	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Pcb, Total Of 7 Congeners					mg/kg		< 0.1	< 0.1		< 0.001	< 0.001			< 0.001	< 0.001	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1					< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PCB 77					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 77					ng/kg											5.78															
PCB 81					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 81					ng/kg											191															
PCB 105					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 105					ng/kg											687															
PCB 114					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 114					ng/kg											24.2															
PCB 123					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 123					ng/kg											33.4															
PCB 126					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 126					ng/kg											23.4															
PCB 156					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 156					ng/kg											34.1															
PCB 157					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 157					ng/kg											136															
PCB 167					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 167					ng/kg											192															
PCB 169					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 169					ng/kg											2.91															
PCB 189					mg/kg																	< 0.01	< 0.01	< 0.01							
PCB 189					ng/kg											38.5															
Total PCBs (12 Congeners)					mg/kg																	< 0.12	< 0.12	< 0.12							
Aldrin	5.7	S4UL	170	S4UL	mg/kg																								< 0.2	< 0.2	
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																								< 0.2	< 0.2	
Beta-Bhc	0.085	S4UL	65	S4UL	mg/kg																								< 0.2	< 0.2	
Delta-Bhc					mg/kg																								< 0.2	< 0.2	
Alpha-Chlordane					mg/kg																								< 0.2	< 0.2	
Gamma-Chlordane					mg/kg																								< 0.2	< 0.2	
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																								< 0.2	< 0.2	
Endosulfan Sulfate					mg/kg																								< 0.2	< 0.2	
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																								< 0.2	< 0.2	
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																								< 0.2	< 0.2	
Endrin					mg/kg																								< 0.2	< 0.2	
Endrin Aldehyde					mg/kg																								< 0.2	< 0.2	
Endrin Ketone					mg/kg																								< 0.2	< 0.2	
gamma-BHC (Lindane)					mg/kg																								< 0.2	< 0.2	
4,4'-DDD					mg/kg																								< 0.2	< 0.2	
4,4'-DDE					mg/kg																								< 0.2	< 0.2	
4,4'-DDT					mg/kg																								< 0.2	< 0.2	
p,p'-Methoxychlor					mg/kg																										
Guthion (Azinphos-methyl)					mg/kg																								< 0.2	< 0.2	
Coumaphos					mg/kg																								< 0.2	< 0.2	
Dsmeton-S					mg/kg																								< 0.2	< 0.2	
Diazinon					mg/kg																										
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																										
DISULFOTON					mg/kg																								< 0.2	< 0.2	
Ethion					mg/kg																										
Fenitrothion					mg/kg																										
Fensulfothion					mg/kg																								< 0.2	< 0.2	
Fenthion					mg/kg																								< 0.2	< 0.2	
Heptachlor					mg/kg																								< 0.2	< 0.2	
Heptachlor Epoxide					mg/kg																								< 0.2	< 0.2	
Malathion					mg/kg																										
Methoxychlor					mg/kg																								< 0.2	< 0.2	
PARATHION, METHYL					mg/kg																										
Mevinphos					mg/kg																										
PHORATE					mg/kg																								< 0.2	< 0.2	
Sulprofos					mg/kg																								< 0.2	< 0.2	
Tokuthion					mg/kg																								< 0.2	< 0.2	
Trichloronate					mg/kg																								< 0.2	< 0.2	
2,4-Dichlorophenoxyacetic acid					mg/kg																										
2,4-DP (DICHLORPROP)					mg/kg																								< 0.1	< 0.1	
2,4,5-T					mg/kg																								< 0.1	< 0.1	
Ametryn					mg/kg																								< 0.2	< 0.2	
Atraton					mg/kg																								< 0.2	< 0.2	
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																								< 0.2	< 0.2	
Chlortoluron					mg/kg																								< 1	< 1	
Diuron					mg/kg																								< 1	< 1	
Isoproturon					mg/kg																								< 1	< 1	
Linuron					mg/kg																								< 1	< 1	
MCPA					mg/kg																								< 0.1	< 0.1	
MCPB					mg/kg																								< 0.1	< 0.1	
MCPP (MECOPROP)					mg/kg																								< 0.1	< 0.1	
Methabenzthiazuron					mg/kg																								< 1	< 1	
Monuron					mg/kg																								< 1	< 1	
Prometon					mg/kg																								< 0.2	< 0.2	
Prometryne					mg/kg																								< 0.2	< 0.2	
Propazine					mg/kg																								< 0.2	< 0.2	
Secbumeton					mg/kg																								< 0.2	< 0.2	
Simazine					mg/kg																								< 0.2	< 0.2	
Simetryn					mg/kg																								< 0.2	< 0.2	
Terbuthylazine					mg/kg																								< 0.2	< 0.2	
Terbutryn					mg/kg																								< 0.2	< 0.2	
1,2,3,7,8-PeCDD																															< 0.0000005
1,2,3,7,8-PeCDF																															< 0.000000042
1,2,3,6,7,8-HxCDD																															< 0.000000035
1,2,3,7,8,9-HxCDD																															< 0.0000005
1,2,3,7,8,9-HxCDF																															< 0.000000043
1,2,3,4,7,8-HxCDD																															< 0.000000045
1,2,3,4,7,8-HxCDF																															< 0.000000037
1,2,3,4,6,7,8-HpCDD																															< 0.00000004
1,2,3,4,7,8,9-HpCDF																															< 0.000000036
Total 2,3,7,8-Furans																															< 0.000000001
Total 2,3,7,8-Dioxins																															< 0.000000001

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

Works Area						ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN
Sample Date						09/11/2021	09/11/2021	09/11/2021	17/11/2021	17/11/2021	17/11/2021	17/11/2021	17/11/2021
Location						ATP51WS	ATP52WS	ATP52WSA	ABH52	ABH52	ABH53	ABH53	ABH53
Top Depth (m)						1.4	0.5	2.4	0.45	1	4	7.1	10.7
Base Depth (m)													
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units								
Asbestos by Gravimetry.					%								
Asbestos Containing Material.					-								
Asbestos Identification.					%								
Total Asbestos					%								
Moisture					%								
pH					pH UNITS	8.9	8.7	8.8	8.6	8.4	8.6	8.8	8.2
Total Organic Matter					%								
Total Organic Carbon					%	0.7	1.3	0.6	1.5	0.23	< 0.2	0.62	0.97
Undried Mass of Test Portion					g								
Cyanide (Total)					mg/kg								
Loss on ignition					%	4	4.9	3.3	5.2	3	2.3	1.2	3.8
Chloride					mg/kg								
Fluoride					mg/kg								
Sulphate (2:1 Water Soluble) as SO4					g/l								
Sulphate (acid soluble as SO4)					%								
Sulphide					mg/kg								
Total Sulphur					%								
Antimony			7500	EIC	mg/kg	2.6	2.6	2.8	< 2	< 2	< 2	< 2	3.4
Arsenic	37	C4SL	640	C4SL	mg/kg	21	16	23	24	5.8	12	15	13
Barium			22000	EIC	mg/kg	110	75	130	43	33	49	33	24
Beryllium	1.7	S4UL	12	S4UL	mg/kg								
Boron (Water soluble)					mg/kg								
Cadmium	22	C4SL	410	C4SL	mg/kg	2.5	1.7	2.7	0.35	0.36	0.74	0.74	1.8
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg	21	19	29	24	19	10	10	13
Chromium	910	S4UL	8600	S4UL	mg/kg								
Copper	2400	S4UL	68000	S4UL	mg/kg	81	59	67	76	28	13	9	25
Lead	200	C4SL	2300	C4SL	mg/kg	71	62	45	48	16	11	10	19
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.49	0.32	0.12	0.05	< 0.05	< 0.05	0.07	< 0.05
Molybdenum			17000	EIC	mg/kg	4.8	4	6.2	< 2	< 2	< 2	< 2	5.2
Nickel	130	S4UL	980	S4UL	mg/kg	63	50	82	43	25	21	14	58
Selenium	250	S4UL	12000	S4UL	mg/kg	0.59	1.8	2.3	0.47	1.2	0.81	0.21	3
Vanadium	410	S4UL	9000	S4UL	mg/kg								
Zinc	3700	S4UL	730000	S4UL	mg/kg	100	89	110	120	91	38	29	62
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	14	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	17	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	31	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg								
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons					mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	31	< 10
TPH >C10-40					mg/kg								
PRO					mg/kg								
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	0.05	< 0.01	< 0.01	0.18	0.33	0.31	0.22	0.08
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	0.03	< 0.01	< 0.01	0.41	0.7	0.54	0.27	0.09
Anthracene	2400	S4UL	520000	S4UL	mg/kg	0.09	0.04	< 0.01	0.89	1.8	2	1.8	0.3
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	0.43	0.2	< 0.01	2.5	7	7.6	3.7	0.69
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	0.44	0.23	< 0.01	2	8.2	7.6	3.3	0.63
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	0.49	0.23	< 0.01	3.7	11	11	5.1	1
benzo(b,k)fluoranthene					mg/kg								
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	0.36	0.13	< 0.01	1.4	5	4.8	2.2	0.48
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	0.18	0.09	< 0.01	1.3	3.7	4.1	1.8	0.34
Chrysene	15	S4UL	350	S4UL	mg/kg	0.41	0.25	< 0.01	3	8	8.3	4.2	0.68
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	0.06	0.02	< 0.01	0.41	1.4	1.3	0.65	0.13
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	0.84	0.79	< 0.01	6.6	14	18	9.9	1.6
Fluorene	170	S4UL	63000	S4UL	mg/kg	0.05	< 0.01	< 0.01	0.33	0.43	0.43	0.43	0.21
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	0.42	0.17	< 0.01	1.6	5.9	5.8	2.7	0.51
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	0.02	< 0.01	< 0.01	0.73	1	0.9	0.53	0.55
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	0.43	0.23	< 0.01	3.7	6.4	5.1	3.8	1.3
Pyrene	620	S4UL	54000	S4UL	mg/kg	0.72	0.35	< 0.01	4.4	10	12	6.3	1.1
PAH, Total Detected USEPA 16					mg/kg								
Coronene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's					mg/kg	5	2.3	< 0.2	33	85	90	47	9.7
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg								
Total BTEX					mg/kg								
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg								
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Works Area	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN
Sample Date	22/11/2021	23/11/2021	23/11/2021	24/11/2021	25/11/2021	26/11/2021	30/11/2021	30/11/2021
Location	ABH54	ABH54	ABH54	ABH54	ABH52	ABH52	ABH52	ABH52
Top Depth (m)	3.2	9	19	31	4.5	7.7	21.5	25.5
Base Depth (m)								
Analyte								
Asbestos by Gravimetry.								
Asbestos Containing Material.								
Asbestos Identification.								
Total Asbestos								
Moisture								
pH	8.7	7.7	7.9	8.8	8.8	8.7		
Total Organic Matter								
Total Organic Carbon	0.2	1.5	1.9	1.4	0.3	1.5	1.7	2
Undried Mass of Test Portion								
Cyanide (Total)								
Loss on ignition	2.7	37	21	0.27	12	17		
Chloride								
Fluoride								
Sulphate (2:1 Water Soluble) as SO4								
Sulphate (acid soluble as SO4)								
Sulphide								
Total Sulphur								
Antimony	3.9	3	< 2	< 2	< 2	< 2	2.3	< 2
Arsenic	14	9.2	10	< 1	15	10	8.7	5.9
Barium	86	54	240	320	77	60	12	21
Beryllium								
Boron (Water soluble)								
Cadmium	1.8	1.9	1	41	1.8	1	0.76	0.86
Chromium, Hexavalent (Cr6+)	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Chromium, Trivalent (Cr3+)	18	20	23	33	14	20	11	12
Chromium								
Copper	130	34	77	86	44	76	11	15
Lead	29	13	15	54	24	19	4.8	8.5
Mercury	0.08	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Molybdenum	4.6	7.6	4.5	4.4	4	2.3	3.4	4.4
Nickel	42	54	47	170	44	34	23	31
Selenium	9.2	3.7	2.6	1.4	1.8	0.78	2.2	2.1
Vanadium								
Zinc	72	60	39	330	77	56	34	35
Aliphatic TPH >C5-C6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7								
Aromatic TPH >C7-C8	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH >C10-40								
PRO								
Acenaphthene	< 0.01	< 0.01	< 0.01	0.23	< 0.01	< 0.01	< 0.01	0.03
Acenaphthylene	< 0.01	< 0.01	< 0.01	0.05	< 0.01	< 0.01	< 0.01	0.02
Anthracene	< 0.01	< 0.01	< 0.01	0.29	0.07	0.04	0.05	0.09
Benzo[a]anthracene	< 0.01	< 0.01	< 0.01	0.3	0.04	< 0.01	0.06	0.16
Benzo[a]pyrene	< 0.01	< 0.01	< 0.01	0.34	< 0.01	< 0.01	0.08	0.14
Benzo[b]fluoranthene	< 0.01	< 0.01	< 0.01	0.45	< 0.01	< 0.01	0.07	0.16
benzo(b,k)fluoranthene								
Benzo[g,h,i]perylene	< 0.01	< 0.01	< 0.01	0.21	< 0.01	< 0.01	< 0.01	0.08
Benzo[k]fluoranthene	< 0.01	< 0.01	< 0.01	0.19	< 0.01	< 0.01	0.05	0.07
Chrysene	< 0.01	< 0.01	< 0.01	0.26	< 0.01	< 0.01	0.06	0.14
Dibenz(a,h)Anthracene	< 0.01	< 0.01	< 0.01	0.06	< 0.01	< 0.01	< 0.01	0.05
Fluoranthene	< 0.01	0.06	< 0.01	1.1	0.07	0.11	0.13	0.42
Fluorene	< 0.01	< 0.01	< 0.01	0.22	< 0.01	< 0.01	< 0.01	0.07
Indeno(1,2,3-c,d)Pyrene	< 0.01	< 0.01	< 0.01	0.18	< 0.01	< 0.01	< 0.01	0.09
Naphthalene	< 0.01	< 0.01	< 0.01	0.44	< 0.01	< 0.01	< 0.01	0.02
Phenanthrene	< 0.01	< 0.01	< 0.01	0.87	0.07	0.07	0.07	0.21
Pyrene	< 0.01	0.09	< 0.01	0.95	0.06	0.11	0.11	0.37
PAH, Total Detected USEPA 16								
Coronene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Of 17 PAH's	< 0.2	< 0.2	< 0.2	6.1	0.31	0.33	0.68	2.1
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total								
Total BTEX								
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane								
Isopropylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	< 0.001	< 0.001	< 0.001	0.009	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2,6-Dinitrotoluene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Chloronaphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Methylnaphthalene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
2-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
3-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Bromophenylphenyl Ether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chloroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Chlorophenylphenylether	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
4-Nitroaniline	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Azobenzene	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Works Area	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	CHARLEMONT STATION	CHARLEMONT STATION
Sample Date	08/08/2007	08/07/2019	10/07/2019	19/11/2019	19/11/2019	22/03/2021	14/03/2019	14/03/2019
Location	MGI/BH/729	NBH106	NBH107	NBH220	NBH220	ABH55	NBH30A	NBH31
Top Depth (m)	1	1	0.5	0.5	1.2	23	0.5	1
Base Depth (m)	1	1	0.5	0.5	1.2		0.5	1
Analyte								
Asbestos by Gravimetry.								
Asbestos Containing Material.								
Asbestos Identification.		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected
Total Asbestos								
Moisture	15	11	5.3	14	15		20	22
pH		8.5	9.2	9.2	8.8	8.8	8.2	8
Total Organic Matter		1.5	7.6	5.2	2.2		14	16
Total Organic Carbon		1.4	1.8			1.8	8.1	9.4
Undried Mass of Test Portion		1042	185				218	225
Cyanide (Total)		< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5
Loss on ignition		3.4	2.6			2.3	7.4	8.1
Chloride								
Fluoride								
Sulphate (2:1 Water Soluble) as SO4		< 0.01	0.059	0.036	0.084		< 0.01	< 0.01
Sulphate (acid soluble as SO4)								
Sulphide								
Total Sulphur								
Antimony		3.8	< 0.01	2.2	< 0.1	3	2.4	3.2
Arsenic	< 0.5	25	25	25	17	17	41	41
Barium						36		
Beryllium								
Boron (Water soluble)	< 1							
Cadmium	2	1.6	2.5	1.1	0.34	1.1	1.6	1.5
Chromium, Hexavalent (Cr6+)						< 0.5		
Chromium, Trivalent (Cr3+)						11		
Chromium	17	14	9.5	13	6.6		24	24
Copper	33	36	12	51	14	19	87	92
Lead	18	42	100	1200	110	20	350	350
Mercury	< 0.3	0.13	< 0	1	0.52	0.05	1.5	0.88
Molybdenum		4	< 0.05	3.2	< 0.5	7.6	4.1	4.3
Nickel	50	41	20	36	10	37	55	65
Selenium	< 0.5	0.34	0.62	0.36	< 0.2	2.4	0.75	0.94
Vanadium		27	9.6	32	19		51	53
Zinc	102	68	240	71	25	30	200	150
Aliphatic TPH >C5-C6	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	< 0.01	< 1	15	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	< 0.1	< 1	14	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21	< 0.1	< 1	12	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C21-C35	< 0.1	< 1	28	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C35-C44		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons	< 0.1	< 5	69	< 5	< 5	< 5	< 5	< 5
Aromatic TPH >C5-C7		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7	< 0.01							
Aromatic TPH >C7-C8	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	< 0.01	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	< 0.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	0.291	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C16-C21	0.166	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C21-C35	< 0.1	< 1	43	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C35-C44		< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aromatic Hydrocarbons	0.457	< 5	43	< 5	< 5	< 5	< 5	< 5
Total Petroleum Hydrocarbons	0.457	< 10	110	< 10	< 10	< 10	< 10	< 10
TPH >C10-40		< 10	67				< 10	< 10
PRO	< 0.01							
Acenaphthene	0.037	< 0.5	< 0.5	0.2	< 0.01	< 0.05	< 0.5	< 0.5
Acenaphthylene	0.007	< 0.5	< 0.5	0.11	< 0.01	< 0.05	< 0.5	< 0.5
Anthracene	0.024	< 0.5	< 0.5	0.21	0.09	0.097	< 0.5	< 0.5
Benzo[a]anthracene	0.038	< 0.5	< 0.5	1	0.33	0.21	< 0.5	< 0.5
Benzo[a]pyrene	0.03	< 0.5	< 0.5	1.1	< 0.01	0.45	< 0.5	< 0.5
Benzo[b]fluoranthene		< 0.5	< 0.5	1.6	< 0.01	0.76	< 0.5	< 0.5
benzo(b,k)fluoranthene	0.061							
Benzo[g,h,i]perylene	0.003	< 0.5	< 0.5	0.91	< 0.01	0.21	< 0.5	< 0.5
Benzo[k]fluoranthene		< 0.5	< 0.5	0.73	< 0.01	0.38	< 0.5	< 0.5
Chrysene	0.037	< 0.5	< 0.5	1.1	0.68	0.59	< 0.5	< 0.5
Dibenz(a,h)Anthracene	0.011	< 0.5	< 0.5	0.72	< 0.01	0.14	< 0.5	< 0.5
Fluoranthene	0.08	0.15	< 0.5	2	0.45	0.32	0.86	< 0.5
Fluorene	0.014	< 0.5	< 0.5	0.19	< 0.01	< 0.05	< 0.5	< 0.5
Indeno(1,2,3-c,d)Pyrene	0.022	< 0.5	< 0.5	0.62	< 0.01	0.15	< 0.5	< 0.5
Naphthalene	0.009	< 0.5	< 0.5	0.39	< 0.01	< 0.05	< 0.5	< 0.5
Phenanthrene	0.051	< 0.5	< 0.5	1.2	0.42	0.13	0.85	< 0.5
Pyrene	0.078	0.15	< 0.5	2.2	0.58	0.25	0.75	< 0.5
PAH, Total Detected USEPA 16	0.503	0.3	< 2	14	2.6		2.8	3.5
Coronene						< 0.01		
Total Of 17 PAH's	0.503	0.3	< 2	14	2.6	3.7	2.8	3.5
Benzene	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	< 0.01	< 0.001	< 0.001	0.0021	0.0018	< 0.001	< 0.001	< 0.001
Ethylbenzene	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total	< 0.01							
Total BTEX		< 0.01	< 0.01				< 0.01	< 0.01
1,1,1,2-Tetrachloroethane		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
1,2,4-Trimethylbenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
1,2-Dichloroethane		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
1,3-Dichloropropane		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2-Chlorotoluene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene		< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane								
Isopropylbenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC						< 0		
2,4-Dinitrotoluene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2,6-Dinitrotoluene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2-Chloronaphthalene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2-Methylnaphthalene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2-Nitroaniline		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
3-Nitroaniline		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
4-Bromophenylphenyl Ether		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
4-Chloroaniline		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
4-Chlorophenylphenylether		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
4-Nitroaniline		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Azobenzene		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	CHARLEMONT STATION	CHARLEMONT STATION
					Sample Date	09/11/2021	09/11/2021	09/11/2021	17/11/2021	17/11/2021	17/11/2021	17/11/2021	17/11/2021	22/11/2021	23/11/2021	23/11/2021	24/11/2021	25/11/2021	26/11/2021	30/11/2021	30/11/2021	08/08/2007	08/07/2019	10/07/2019	19/11/2019	19/11/2019	22/03/2021	14/03/2019	14/03/2019
					Location	ATP51WS	ATP52WS	ATP52WSA	ABH52	ABH52	ABH53	ABH53	ABH53	ABH54	ABH54	ABH54	ABH54	ABH52	ABH52	ABH52	ABH52	MGI/BH/729	NBH106	NBH107	NBH220	NBH220	ABH55	NBH30A	NBH31
					Top Depth (m)	1.4	0.5	2.4	0.45	1	4	7.1	10.7	3.2	9	19	31	4.5	7.7	21.5	25.5	1	1	0.5	0.5	1.2	23	0.5	1
					Base Depth (m)																	1	1	0.5	0.5	1.2		0.5	1
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Carbazole					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Dibenzofuran					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Dimethylphthalate					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	**< 0.5**	**< 0.5**
Hexachlorocyclopentadiene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	**< 0.5**	**< 0.5**
Isophorone					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Nitrobenzene					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
N-Nitrosodimethylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05						< 0.05		
N-Nitrosodi-N-propylamine					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
SVOC TIC					mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND						< 0		
2,4,5-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2,4,6-Trichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2,4-Dichlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2-Chlorophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
2-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
4-Chloro-3-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
4-Methylphenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
4-Nitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.01	< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**	< 0.05	**< 0.5**	**< 0.5**
1-naphthol					mg/kg																	< 0.01							
2,3,5-trimethyl phenol					mg/kg																	< 0.01							
2-isopropylphenol					mg/kg																	< 0.01							
Catechol					mg/kg																	< 0.01							
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.5	< 0.5	< 0.5	< 0.5	< 0.05	< 0.5	< 0.5
Resorcinol					mg/kg																	< 0.01							
Total cresols					mg/kg																	< 0.01							
Total Phenols					mg/kg																	< 0.01							
Xylenols					mg/kg																	< 0.01							
Propylene Glycol					mg/kg																								
Ethylene Glycol					mg/kg																								
Diethylene Glycol					mg/kg																								
Triethylene Glycol					mg/kg																								
Dipropylene Glycol					mg/kg																								
Total Glycol					mg/kg																								
Methanol					mg/kg																								
Ethanol					mg/kg																								
Isopropyl Alcohol					mg/kg																								
n-Propanol					mg/kg																								
n-Butyl Alcohol					mg/kg																								
n-Pentyl Alcohol					mg/kg																								
n-Hexyl alcohol					mg/kg																								
n-Heptyl alcohol					mg/kg																								
METHYL ACETATE					mg/kg																								
Ethyl acetate					mg/kg																								
i-Propyl acetate					mg/kg																								
n-Propyl acetate					mg/kg																								
n-Butyl Acetate					mg/kg																								
PCB 28 (Trichlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01						< 0.01		
PCB 52 (Tetrachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01						< 0.01		
PCB 101 (Pentachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01						< 0.01		
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01								
PCB 138 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01						< 0.01		
PCB 153 (Hexachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01						< 0.01		
PCB 180 (Heptachlorobiphenyl)					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01						< 0.01		
Pcb, Total Of 7 Congeners					mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1		< 0.1	< 0.1			< 0.1	< 0.1	< 0.1
PCB 77					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 77					ng/kg																								
PCB 81					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 81					ng/kg																								
PCB 105					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 105					ng/kg																								
PCB 114					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 114					ng/kg																								
PCB 123					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 123					ng/kg																								
PCB 126					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 126					ng/kg																								
PCB 156					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 156					ng/kg																								
PCB 157					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 157					ng/kg																								
PCB 167					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 167					ng/kg																								
PCB 169					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 169					ng/kg																								
PCB 189					mg/kg																		< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
PCB 189					ng/kg																								
Total PCBs (12 Congeners)					mg/kg																		< 0.12	< 0.12	< 0.12	< 0.12		< 0.12	< 0.12
Aldrin	5.7	S4UL	170	S4UL	mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg		**< 0.2**	**< 0.2**	**< 0.2**	**< 0.2**												< 0.001							
Delta-Bhc					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Alpha-Chlordane					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Gamma-Chlordane					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Dieldrin	0.97	S4UL	170	S4UL	mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Endosulfan Sulfate					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Endosulfan II	7	S4UL	6300	S4UL	mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Endrin					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Endrin Aldehyde					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Endrin Ketone					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
gamma-BHC (Lindane)					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
4,4'-DDD					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
4,4'-DDE					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
4,4'-DDT					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
p,p'-Methoxychlor					mg/kg																	< 0.001							
Guthion (Azinphos-methyl)					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Coumaphos					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Demeton-S					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Diazinon					mg/kg																	< 0.001							
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																	< 0.001							
DISULFOTON					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Ethion					mg/kg																	< 0.001							
Fenitrothion					mg/kg																	< 0.001							
Fensulfothion					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Fenthion					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Heptachlor					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Heptachlor Epoxide					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2												< 0.001							
Malathion					mg/kg																	< 0.001							
Methoxychlor					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
PARATHION, METHYL					mg/kg																	< 0.001							
Mevinphos					mg/kg																	< 0.001							
PHORATE					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Sulprofos					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Tokuthion					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Trichloronate					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
2,4-Dichlorophenoxyacetic acid					mg/kg																								
2,4-DP (DICHLOROPROP)					mg/kg		< 0.1	< 0.1	< 0.1	< 0.1																			
2,4,5-T					mg/kg		< 0.1	< 0.1	< 0.1	< 0.1																			
Ametryn					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Atraton					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Atrazine	3.3	S4UL	9300	S4UL	mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Chlortoluron					mg/kg		< 1	< 1	< 1	< 1																			
Diuron					mg/kg		< 1	< 1	< 1	< 1																			
Isoproturon					mg/kg		< 1	< 1	< 1	< 1																			
Linuron					mg/kg		< 1	< 1	< 1	< 1																			
MCPA					mg/kg		< 0.1	< 0.1	< 0.1	< 0.1																			
MCPB					mg/kg		< 0.1	< 0.1	< 0.1	< 0.1																			
MCPP (MECOPROP)					mg/kg		< 0.1	< 0.1	< 0.1	< 0.1																			
Methabenzthiazuron					mg/kg		< 1	< 1	< 1	< 1																			
Monuron					mg/kg		< 1	< 1	< 1	< 1																			
Prometon					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Prometryne					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Propazine					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Secbumeton					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Simazine					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Simetryn					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Terbuthylazine					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
Terbutryn					mg/kg		< 0.2	< 0.2	< 0.2	< 0.2																			
1,2,3,7,8-PeCDD						< 0.00000051																							
1,2,3,7,8-PeCDF						< 0.00000042																							
1,2,3,6,7,8-HxCDD						< 0.00000029																							
1,2,3,7,8,9-HxCDD						< 0.00000025																							
1,2,3,7,8,9-HxCDF						< 0.00000034																							
1,2,3,4,7,8-HxCDD						< 0.00000021																							
1,2,3,4,7,8-HxCDF						< 0.00000029																							
1,2,3,4,6,7,8-HpCDD						< 0.00000023																							
1,2,3,4,7,8,9-HpCDF						< 0.00000019																							
Total 2,3,7,8-Furans						< 0.00000001																							
Total 2,3,7,8-Dioxins						< 0.00000001																							

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STN <250	CHARLEMONT STN <250	CHARLEMONT STN <250	CHARLEMONT STN <250
					Sample Date	29/03/2019	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	22/01/2021	22/01/2021	22/01/2021	22/01/2021	27/01/2021	02/02/2021	10/03/2021	23/07/2019	06/01/2020	06/01/2020	06/01/2020
					Location	NBH29	ATP54	ATP54	ATP54	ATP55	ATP55	ATP55	ATP55	ABH57	ABH57	ABH57	ABH57	ABH56	ABH58	ABH59	NBH110	NBH222	NBH222	NBH222
					Top Depth (m)	0.5	2	2.9	3.5	1	1.5	2.5	3.5	2.4	4.5	5.5	15.5	25.5	28.5	22.2	0.5	0.3	0.6	1
					Base Depth (m)	0.5															0.5	0.3	0.6	1
Analyte	Residential (with plant uptake) 1% SOM	Source	Commercial / Industrial 1% SOM	Source	Units																			
Asbestos by Gravimetry.					%																			
Asbestos Containing Material.					-																			
Asbestos Identification.					%	No Asbestos Detected	No result	No result		No result	No result										No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Total Asbestos					%																			
Moisture					%	7.5															3.2	8	27	21
pH					pH UNITS	9.2	8.7	8.7	8.7	8.4	8.2	8.7	8.5	8.6	8.6	8.4	9	8.7	8.7	8.7	11.7	9.5	8	8.1
Total Organic Matter					%	1.6															1.6	6.4	14	1.6
Total Organic Carbon					%	0.95	1.5	0.38	1.4	6.4	1.4	0.21	0.63	0.54	0.29	2.4	1.7	< 0.2	1.3	7.1	2.8			
Undried Mass of Test Portion					g	189															184			
Cyanide (Total)					mg/kg	< 0.5															< 0.5	< 0.5	< 0.5	< 0.5
Loss on ignition					%	2.2	4.6	1.9	2.4	7.9	4.5	2.1	2.4	2.4	1.5	3.5	2.3	8.8	2.6	2	1.5			
Chloride					mg/kg																			
Fluoride					mg/kg																			
Sulphate (2:1 Water Soluble) as SO4					g/l	0.076															0.59	0.24	0.32	< 10
Sulphate (acid soluble as SO4)					%																			
Sulphide					mg/kg																			
Total Sulphur					%																			
Antimony			7500	EIC	mg/kg	< 0.01	3.4	2.3	2	3.6	2.5	< 2	2.1	5.7	2.9	24	4.6	5.1	6.5	< 2	2	< 0.1	3.7	2.2
Arsenic	37	C4SL	640	C4SL	mg/kg	19	27	25	21	48	19	25	25	23	21	52	18	28	27	5.3	19	20	34	16
Barium			22000	EIC	mg/kg		100	93	130	210	120	65	100	72	31	27	13	28	21	< 10				
Beryllium	1.7	S4UL	12	S4UL	mg/kg																			
Boron (Water soluble)					mg/kg																			
Cadmium	22	C4SL	410	C4SL	mg/kg	0.96	1.8	2.9	1.7	1.2	3.2	2.4	2.4	2	1.8	8.9	3.7	2.8	4	< 0.1	0.45	0.52	1.2	4.5
Chromium, Hexavalent (Cr6+)	21	C4SL	49	C4SL	mg/kg		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5				
Chromium, Trivalent (Cr3+)	910	S4UL	8600	S4UL	mg/kg		27	19	20	27	24	16	17	19	13	14	11	21	15	1.1				
Chromium	910	S4UL	8600	S4UL	mg/kg	24															12	17	18	16
Copper	2400	S4UL	68000	S4UL	mg/kg	38	54	130	42	130	50	36	35	37	24	90	23	37	62	7.3	15	24	81	41
Lead	200	C4SL	2300	C4SL	mg/kg	85	69	25	90	710	51	21	23	23	17	26	7.6	26	24	10	14	47	750	42
Mercury	1.2	S4UL	58	S4UL	mg/kg	0.25	0.27	0.05	0.19	0.49	0.11	< 0.05	< 0.05	0.11	0.05	0.08	< 0.05	0.1	< 0.05	< 0.05	< 0	0.1	2.1	0.17
Molybdenum			17000	EIC	mg/kg	< 0.05	5.3	5.4	3.8	4.3	5.1	4.7	5.5	6.8	3.9	40	13	18	10	2.3	< 0.05	< 0.5	3.3	3.8
Nickel	130	S4UL	980	S4UL	mg/kg	33	50	56	34	45	74	53	53	52	37	260	42	67	76	11	20	28	52	78
Selenium	250	S4UL	12000	S4UL	mg/kg	< 0.01	0.61	0.74	0.22	0.31	1.2	0.58	4.2	2.6	1.9	28	6.6	7	6.5	0.55	< 0.01	< 0.2	1.2	0.89
Vanadium	410	S4UL	9000	S4UL	mg/kg	35															13	30	36	31
Zinc	3700	S4UL	730000	S4UL	mg/kg	93	110	76	65	280	130	77	81	83	62	370	85	87	97	3	39	49	190	95
Aliphatic TPH >C5-C6	42	S4UL	3200	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C6-C8	100	S4UL	7800	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C8-C10	27	S4UL	2000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C10-C12	130	S4UL	9700	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C12-C16	1100	S4UL	59000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aliphatic TPH >C16-C21					mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	7.6	< 1	< 1
Aliphatic TPH >C21-C35					mg/kg	21	< 1	< 1	< 1	2.4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	230	36	10	< 1
Aliphatic TPH >C35-C44	65000	S4UL	1600000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Total Aliphatic Hydrocarbons					mg/kg	21	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	230	44	10	< 5
Aromatic TPH >C5-C7	70	S4UL	26000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C6-C7					mg/kg																			
Aromatic TPH >C7-C8	130	S4UL	56000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C8-C10	34	S4UL	3500	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C10-C12	74	S4UL	16000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatic TPH >C12-C16	140	S4UL	36000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	7.6	< 1	< 1
Aromatic TPH >C16-C21	260	S4UL	28000	S4UL	mg/kg	1.4	< 1	< 1	< 1	2.1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	300	19	< 1
Aromatic TPH >C21-C35	1100	S4UL	28000	S4UL	mg/kg	260	< 1	< 1	< 1	19	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	91	4500	77	< 1
Aromatic TPH >C35-C44	1100	S4UL	28000	S4UL	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1300	< 1	< 1
Total Aromatic Hydrocarbons					mg/kg	260	< 5	< 5	< 5	22	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	91	6100	96	< 5
Total Petroleum Hydrocarbons					mg/kg	280	< 10	< 10	< 10	24	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	330	6200	110	< 10
TPH >C10-40					mg/kg	280															< 10			
PRO					mg/kg																			
Acenaphthene	210	S4UL	84000	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	0.054	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	5.6	0.65	< 0.01
Acenaphthylene	170	S4UL	83000	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	0.12	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	1.6	0.33	< 0.01
Anthracene	2400	S4UL	520000	S4UL	mg/kg	< 0.5	0.2	< 0.05	< 0.05	0.31	< 0.05	< 0.05	< 0.05	< 0.05	0.079	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	14	1.6	0.16
Benzo[a]anthracene	7.2	S4UL	170	S4UL	mg/kg	< 0.5	0.21	< 0.05	< 0.05	0.99	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	38	6	< 0.01
Benzo[a]pyrene	5	C4SL	77	C4SL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	35	6.1	< 0.01
Benzo[b]fluoranthene	2.6	S4UL	44	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	1.4	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	43	6.3	< 0.01
benzo(b,k)fluoranthene					mg/kg																			
Benzo[g,h,i]perylene	320	S4UL	3900	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	0.73	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	19	2.7	< 0.01
Benzo[k]fluoranthene	77	S4UL	1200	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	0.47	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	16	3.2	< 0.01
Chrysene	15	S4UL	350	S4UL	mg/kg	< 0.5	0.21	< 0.05	< 0.05	1.1	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	37	6.8	< 0.01
Dibenz(a,h)Anthracene	0.24	S4UL	3.5	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	0.18	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5		0.82	< 0.01
Fluoranthene	280	S4UL	23000	S4UL	mg/kg	< 0.5	0.56	< 0.05	0.26	2.2	< 0.05	0.18	< 0.05	< 0.05	0.098	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	74	12	0.55
Fluorene	170	S4UL	63000	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	0.14	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	6.5	0.72	< 0.01
Indeno(1,2,3-c,d)Pyrene	27	S4UL	500	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	0.69	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	23	3.5	< 0.01
Naphthalene	2.3	S4UL	190	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	0.14	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	4	0.92	< 0.01
Phenanthrene	95	S4UL	22000	S4UL	mg/kg	< 0.5	0.71	< 0.05	0.15	1.4	< 0.05	0.098	< 0.05	< 0.05	0.13	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	53	7.4	0.44
Pyrene	620	S4UL	54000	S4UL	mg/kg	< 0.5	0.45	< 0.05	0.22	1.9	< 0.05	0.15	< 0.05	< 0.05	0.098	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	76	12	0.67
PAH, Total Detected USEPA 16					mg/kg	< 2															< 2	450	71	1.8
Coronene					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
Total Of 17 PAH's					mg/kg	< 2	2.3	< 0.2	0.67	13	< 0.2	0.43	< 0.2	< 0.2	0.41	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 2	450	71	1.8
Benzene	0.2	C4SL	27	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	130	S4UL	56000	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	47	S4UL	5700	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	56	S4UL	5900	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-Xylene	60	S4UL	6600	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Xylenes, Total					mg/kg																			
Total BTEX					mg/kg	< 0.01															< 0.01			
1,1,1,2-Tetrachloroethane	1.2	S4UL	110	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,1-Trichloroethane	8.8	S4UL	660	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.6	EIC	94	EIC	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
1,1-Dichloroethane	2.4	EIC	280	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.23	EIC	26	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,3-Trichlorobenzene	1.5	S4UL	102	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2,3-Trichloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2,4-Trichlorobenzene	2.6	S4UL	220	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
1,2,4-Trimethylbenzene	0.35	EIC	42	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane					mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
1,2-Dibromoethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
1,2-Dichlorobenzene	23	S4UL	2000	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
1,2-Dichloroethane	0.0071	S4UL	0.67	S4UL	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.024	EIC	3.3	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene	0.4	S4UL	30	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
1,3-Dichloropropane					mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	61	S4UL	4400	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorotoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromobenzene	0.87	EIC	97	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bromochloromethane					mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromodichloromethane	0.016	EIC	2.1	EIC	mg/kg	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Bromomethane					mg/kg	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Chlorobenzene	0.46	S4UL	56	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chloroethane	8.3	EIC	960	EIC	mg/kg	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloromethane	0.0083	EIC	1	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.11	EIC	14	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
cis-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromochloromethane					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Dibromomethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dichloromethane	0.58	EIC	270	EIC	mg/kg																			
Isopropylbenzene	11	EIC	1400	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	49	EIC	7900	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Propylbenzene	34	EIC	4100	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Styrene	8.1	EIC	3300	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.31	C4SL	24	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.026	S4UL	2.9	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans 1,2-Dichloroethene	0.19	EIC	22	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Tribromomethane	2.8	EIC	760	EIC	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloroethene	0.0093	C4SL	0.73	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane					mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Trichloromethane	0.91	S4UL	99	S4UL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0064	C4SL	1.1	C4SL	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
VOC TIC					mg/kg															< 0				
2,4-Dinitrotoluene	1.5	EIC	3700	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2,6-Dinitrotoluene	0.78	EIC	1900	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2-Chloronaphthalene	3.7	EIC	390	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylnaphthalene					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitroaniline					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
3-Nitroaniline					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
4-Bromophenylphenyl Ether					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloroaniline					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
4-Chlorophenylphenylether					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitroaniline					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Azobenzene					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5

Table D4 - Tier 2 Screening Table
Human Health - Residential and Commercial/ Industrual ESV1
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 06/10/1999 - 30/11/2021

					Works Area	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STN <250	CHARLEMONT STN <250	CHARLEMONT STN <250	CHARLEMONT STN <250
					Sample Date	29/03/2019	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	22/01/2021	22/01/2021	22/01/2021	22/01/2021	27/01/2021	02/02/2021	10/03/2021	23/07/2019	06/01/2020	06/01/2020	06/01/2020
					Location	NBH29	ATP54	ATP54	ATP54	ATP55	ATP55	ATP55	ATP55	ABH57	ABH57	ABH57	ABH57	ABH56	ABH58	ABH59	NBH110	NBH222	NBH222	NBH222
					Top Depth (m)	0.5	2	2.9	3.5	1	1.5	2.5	3.5	2.4	4.5	5.5	15.5	25.5	28.5	22.2	0.5	0.3	0.6	1
					Base Depth (m)	0.5															0.5	0.3	0.6	1
Bis(2-Chloroethoxy)Methane					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Bis-(2-Chloroethyl)Ether					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-Chloroisopropyl)Ether					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Bis(2-Ethylhexyl)Phthalate	280	EIC	85000	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Butylbenzyl Phthalate	1400	EIC	940000	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Carbazole					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	0.79	< 0.5	< 0.5
Dibenzofuran					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Diethyl Phthalate	120	EIC	150000	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Dimethylphthalate					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Di-N-Butyl Phthalate	13	EIC	15000	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Di-N-Octyl Phthalate	2300	EIC	89000	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobenzene	1.8	S4UL	110	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Hexachlorobutadiene	**0.29**	S4UL	31	S4UL	mg/kg	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
Hexachlorocyclopentadiene					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Hexachloroethane	**0.2**	EIC	22	EIC	mg/kg	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
Isophorone					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Nitrobenzene					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
N-Nitrosodimethylamine					mg/kg		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05				
N-Nitrosodi-N-propylamine					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
SVOC TIC					mg/kg															< 0				
2,4,5-Trichlorophenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2,4,6-Trichlorophenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2,4-Dichlorophenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2,4-Dimethylphenol	19	EIC	16000	EIC	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2-Chlorophenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2-Methylphenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
2-Nitrophenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
4-Chloro-3-Methylphenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
4-Methylphenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
4-Nitrophenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Phenol	120	S4UL	440	S4UL	mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Pentachlorophenol	**0.22**	S4UL	400	S4UL	mg/kg	**< 0.5**	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	**< 0.5**	**< 0.5**	**< 0.5**	**< 0.5**
1-naphthol					mg/kg																			
2,3,5-trimethyl phenol					mg/kg																			
2-isopropylphenol					mg/kg																			
Catechol					mg/kg																			
2-Methyl-4,6-Dinitrophenol					mg/kg	< 0.5	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.5	< 0.5	< 0.5	< 0.5
Resorcinol					mg/kg																			
Total cresols					mg/kg																			
Total Phenols					mg/kg																			
Xylenols					mg/kg																			
Propylene Glycol					mg/kg																			
Ethylene Glycol					mg/kg																			
Diethylene Glycol					mg/kg																			
Triethylene Glycol					mg/kg																			
Dipropylene Glycol					mg/kg																			
Total Glycol					mg/kg																			
Methanol					mg/kg																			
Ethanol					mg/kg																			
Isopropyl Alcohol					mg/kg																			
n-Propanol					mg/kg																			
n-Butyl Alcohol					mg/kg																			
n-Pentyl Alcohol					mg/kg																			
n-Hexyl alcohol					mg/kg																			
n-Heptyl alcohol					mg/kg																			
METHYL ACETATE					mg/kg																			
Ethyl acetate					mg/kg																			
i-Propyl acetate					mg/kg																			
n-Propyl acetate					mg/kg																			
n-Butyl Acetate					mg/kg																			
PCB 28 (Trichlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 52 (Tetrachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 101 (Pentachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 118					mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
PCB 118					ng/kg		2.77	8.66	3.49	565	4.04	3.34	3.72											
PCB 138 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 153 (Hexachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
PCB 180 (Heptachlorobiphenyl)					mg/kg		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
Pcb, Total Of 7 Congeners					mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			
PCB 77					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 77					ng/kg		< 0.08	< 0.12	< 0.1	12.6	< 0.1	< 0.09	< 0.1											
PCB 81					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 81					ng/kg		0.523	2.82	1.22	214	0.806	1.72	1.34											
PCB 105					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 105					ng/kg		1.49	3.73	1.94	254	2.22	1.67	1.78											
PCB 114					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 114					ng/kg		< 0.14	< 0.17	< 0.11	12	< 0.14	< 0.13	< 0.15											
PCB 123					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 123					ng/kg		< 0.19	0.253	< 0.14	12.5	< 0.18	< 0.19	< 0.19											
PCB 126					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 126					ng/kg		< 1.3	< 1.32	< 1.11	23.8	< 0.91	< 0.77	< 1.25											
PCB 156					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 156					ng/kg		0.587	0.863	0.334	106	0.412	0.358	0.365											
PCB 157					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 157					ng/kg		0.381	0.236	< 0.13	31.7	0.174	< 0.21	< 0.1											
PCB 167					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 167					ng/kg		0.19	0.389	< 0.14	47	< 0.17	< 0.2	0.138											
PCB 169					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 169					ng/kg		< 0.03	< 0.02	< 0.05	5.95	< 0.05	< 0.02	< 0.03											
PCB 189					mg/kg	< 0.01															< 0.01	< 0.01	< 0.01	< 0.01
PCB 189					ng/kg		0.5	0.204	< 0.14	24.5	< 0.2	< 0.15	< 0.12											
Total PCBs (12 Congeners)					mg/kg	< 0.12															< 0.12	< 0.12	< 0.12	< 0.12
Aldrin	5.7	S4UL	170	S4UL	mg/kg																			
Alpha-Bhc	0.23	S4UL	170	S4UL	mg/kg																			
Beta-Bhc	**0.085**	S4UL	65	S4UL	mg/kg																			
Delta-Bhc					mg/kg																			
Alpha-Chlordane					mg/kg																			
Gamma-Chlordane					mg/kg																			
Dieldrin	0.97	S4UL	170	S4UL	mg/kg																			
Endosulfan Sulfate					mg/kg																			
Endosulfan I	7.4	S4UL	5600	S4UL	mg/kg																			
Endosulfan II	7	S4UL	6300	S4UL	mg/kg																			
Endrin					mg/kg																			
Endrin Aldehyde					mg/kg																			
Endrin Ketone					mg/kg																			
gamma-BHC (Lindane)					mg/kg																			
4,4'-DDD					mg/kg																			
4,4'-DDE					mg/kg																			
4,4'-DDT					mg/kg																			
p,p'-Methoxychlor					mg/kg																			
Guthion (Azinphos-methyl)					mg/kg																			
Coumaphos					mg/kg																			
Demeton-S					mg/kg																			
Diazinon					mg/kg																			
Dichlorvos	0.032	S4UL	140	S4UL	mg/kg																			
DISULFOTON					mg/kg																			
Ethion					mg/kg																			
Fenitrothion					mg/kg																			
Fensulfothion					mg/kg																			
Fenthion					mg/kg																			
Heptachlor					mg/kg																			
Heptachlor Epoxide					mg/kg																			
Malathion					mg/kg																			
Methoxychlor					mg/kg																			
PARATHION, METHYL					mg/kg																			
Mevinphos					mg/kg																			
PHORATE					mg/kg																			
Sulprofos					mg/kg																			
Tokuthion					mg/kg																			
Trichloronate					mg/kg																			
2,4-Dichlorophenoxyacetic acid					mg/kg																			
2,4-DP (DICHLOROPROP)					mg/kg																			
2,4,5-T					mg/kg																			
Ametryn					mg/kg																			
Atraton					mg/kg																			
Atrazine	3.3	S4UL	9300	S4UL	mg/kg																			
Chlortoluron					mg/kg																			
Diuron					mg/kg																			
Isoproturon					mg/kg																			
Linuron					mg/kg																			
MCPA					mg/kg																			
MCPB					mg/kg																			
MCPP (MECOPROP)					mg/kg																			
Methabenzthiazuron					mg/kg																			
Monuron					mg/kg																			
Prometon					mg/kg																			
Prometryne					mg/kg																			
Propazine					mg/kg																			
Secbumeton					mg/kg																			
Simazine					mg/kg																			
Simetryn					mg/kg																			
Terbuthylazine					mg/kg																			
Terbutryn					mg/kg																			
1,2,3,7,8-PeCDD																								
1,2,3,7,8-PeCDF																								
1,2,3,6,7,8-HxCDD																								
1,2,3,7,8,9-HxCDD																								
1,2,3,7,8,9-HxCDF																								
1,2,3,4,7,8-HxCDD																								
1,2,3,4,7,8-HxCDF																								
1,2,3,4,6,7,8-HpCDD																								
1,2,3,4,7,8,9-HpCDF																								
Total 2,3,7,8-Furans																								
Total 2,3,7,8-Dioxins																								

Appendix F. Gas Monitoring Data

Table E1
Gas Monitoring Data
Dublin Metrolink

Works Area		Well ID	Sample Date	Water Level	Atmospheric Pressure	Flow	Methane		Carbon Dioxide		Oxygen		Hydrogen Sulphide	Carbon Monoxide	Balance (%) pre flow
							Steady	Peak	Steady	Peak	Steady	Peak			
				m bgl	mb	l/hr	% v/v	% v/v	% v/v	% v/v	% v/v	% v/v	ppm	ppm	% v/v
AZ-1	ESTUARY PARK & RIDE	NBH72-S	09/02/2021	NR	1000	0.7	0.1	NR	2	NR	20.7	NR	0	NR	79.6
	ESTUARY PARK & RIDE	NBH72-S	23/03/2021	NR	1007.7	0.4	0.1	NR	1.4	NR	20	NR	0	NR	78.6
	ESTUARY - SEATOWN	NBH403-S	09/02/2021	NR	1000	0.8	0.8	NR	1.8	NR	20.5	NR	0	NR	78.5
	ESTUARY - SEATOWN	NBH403-S	23/03/2021	NR	1007.7	0.8	0.2	NR	1.3	NR	19.2	NR	0	NR	79.4
AZ-2	DUBLIN AIRPORT	NBH04	09/02/2021	NR	1000	0.8	0.1	NR	2.3	NR	21.4	NR	0	NR	77.5
	DUBLIN AIRPORT	NBH04	25/03/2021	NR	998.5	0.4	0.3	NR	1.3	NR	20.2	NR	0	NR	78.4
	DUBLIN AIRPORT	NBH60	09/02/2021	NR	1000	0.6	0.1	NR	2.3	NR	8.1	NR	0	NR	89.5
	DUBLIN AIRPORT	NBH60	25/03/2021	NR	998.5	0.6	0.3	NR	2.1	NR	16.2	NR	0	NR	81.4
	DUBLIN AIRPORT	NBH61	09/02/2021	NR	1000	0.7	0.1	NR	2.3	NR	15.9	NR	0	NR	81.8
	DUBLIN AIRPORT	NBH61	25/03/2021	NR	998.5	0.6	0.3	NR	3.8	NR	14.8	NR	0	NR	81.2
	DUBLIN AIRPORT	NBH62	09/02/2021	NR	1000	0.8	1	NR	2.4	NR	8.8	NR	0	NR	87.6
	DUBLIN AIRPORT	NBH62	25/03/2021	NR	998.5	0.5	0.2	NR	3.6	NR	1.4	NR	0	NR	94.8
	SOUTH PORTAL	NBH05-S	28/01/2021	NR	985.9	0.2	0.2	NR	0.4	NR	21.4	NR	0	NR	78.6
	SOUTH PORTAL	NBH05-S	09/02/2021	NR	1000	0.7	0.2	NR	0.6	NR	20.6	NR	0	NR	79.6
	SOUTH PORTAL	NBH05-S	26/03/2021	NR	993.5	0.6	0.3	NR	0.9	NR	19.8	NR	0	NR	79.2
	SOUTH PORTAL	NBH07	09/02/2021	NR	1000	0.8	0.1	NR	1.2	NR	18.7	NR	0	NR	82.6
	SOUTH PORTAL	NBH07	26/03/2021	NR	993.5	0.3	0.3	NR	0.7	NR	14.1	NR	0	NR	84.9
AZ-3	DARDISTOWN DEPOT	AWN01	26/03/2021	NR	993.5	0.4	0.3	NR	0.2	NR	19	NR	0	NR	80.6
	DARDISTOWN DEPOT	AWN02	26/03/2021	NR	993.5	0.4	0.3	NR	0.7	NR	18.5	NR	0	NR	80.5
	NORTHWOOD TUNNEL	NBH73-S	09/02/2021	NR	1000	0.7	0.1	NR	1.9	NR	13.3	NR	0	NR	84.7
	NORTHWOOD TUNNEL	NBH73-S	12/03/2021	NR	980.2	0.7	0.3	NR	1.4	NR	21.2	NR	0	NR	80
AZ-4	ALBERT COLLEGE PARK	ABH30i	25/03/2021	NR	998.5	0.6	0.6	NR	1.6	NR	18.7	NR	0	NR	76.2
	GLASNEVIN STATION	GBH02-S	28/01/2021	NR	985.9	0.1	0.1	NR	0.7	NR	21.2	NR	0	NR	78.5
	GLASNEVIN STATION	GBH02-S	09/02/2021	NR	1000	0.9	0.1	NR	0.6	NR	22	NR	0	NR	77.7
	GLASNEVIN STATION	GBH02-S	22/03/2021	NR	1015.2	0.5	0.3	NR	2.3	NR	20.9	NR	0	NR	78.5
	GLASNEVIN STATION	GBH04-S	09/02/2021	NR	1000	0.7	0.1	NR	1.3	NR	20.6	NR	0	NR	78.3
	GLASNEVIN STATION	GBH04-S	22/03/2021	NR	1015.2	0.8	0.3	NR	2.7	NR	15.9	NR	0	NR	81.1
	GLASNEVIN STN <250	NBH18-S	09/02/2021	NR	1000	0.5	0.2	NR	0.7	NR	21.8	NR	0	NR	77.9
	GLASNEVIN STN <250	NBH18-S	16/03/2021	NR	1022.3	0.4	0.4	NR	0.4	NR	20.3	NR	0	NR	78.9
	GRIFFITH PRK STATION	NBH223-S	09/02/2021	NR	1000	0.9	0.3	NR	0.6	NR	22	NR	0	NR	77.6
	GRIFFITH PRK STATION	NBH223-S	15/03/2021	NR	1013	0.6	0.4	NR	0.2	NR	20.8	NR	0	NR	78.6
	MATER STATION <250	C	04/12/2008	Dry	971	< 0.100	< 0.100	NR	2.9	NR	14.7	NR	< 1.000	10	NR
	MATER STATION <250	C	05/12/2008	Dry	992	< 0.100	< 0.100	NR	1.2	NR	18.7	NR	< 1.000	6	NR
	MATER STATION <250	C	08/12/2008	Dry	1015	< 0.100	< 0.100	NR	3	NR	15	NR	< 1.000	6	NR
	MATER STATION <250	C	10/12/2008	Dry	1006	< 0.100	< 0.100	NR	3.4	NR	14.1	NR	< 1.000	6	NR
	MATER STATION <250	C	12/12/2008	Dry	999	< 0.100	< 0.100	NR	3.7	NR	13.3	NR	< 1.000	4	NR
	MATER STATION <250	C	15/12/2008	Dry	1011	< 0.100	< 0.100	NR	3.3	NR	13.7	NR	< 1.000	4	NR
	MATER STATION <250	C	16/12/2008	Dry	1010	< 0.100	< 0.100	NR	3.1	NR	13.9	NR	< 1.000	4	NR
	MATER STATION <250	C	17/12/2008	Dry	1005	< 0.100	< 0.100	NR	2.9	NR	15	NR	< 1.000	2	NR
	MATER STATION <250	C	18/12/2008	Dry	1004	< 0.100	< 0.100	NR	3.1	NR	14.6	NR	< 1.000	2	NR
	MATER STATION <250	E2	16/12/2008	Dry	1010	< 0.100	< 0.100	NR	< 0.100	NR	19.1	NR	< 1.000	2	NR
	MATER STATION <250	E2	17/12/2008	Dry	1005	< 0.100	< 0.100	NR	< 0.100	NR	19.5	NR	< 1.000	2	NR
	MATER STATION <250	E2	18/12/2008	Dry	1004	< 0.100	< 0.100	NR	< 0.100	NR	18.7	NR	< 1.000	2	NR
	O'CONNELL ST STATION	NBH22-S	09/02/2021	NR	1000	0.8	0.1	NR	0.4	NR	20.1	NR	0	NR	79.4
	O'CONNELL ST STATION	NBH22-S	19/03/2021	NR	1022.2	0.7	0.3	NR	1.1	NR	15.9	NR	0	NR	82.7
	O'CONNELL ST STATION	NBH24-S	09/02/2021	NR	1000	0.8	0.1	NR	0.4	NR	21.9	NR	0	NR	77.6
	O'CONNELL ST STATION	NBH24-S	19/03/2021	NR	1022.2	0.8	0.3	NR	0.5	NR	20.6	NR	0	NR	78.6
	O'CONNELL ST STATION	NBH63	28/01/2021	NR	985.9	0.1	0.1	NR	0.2	NR	21.4	NR	0	NR	79.3
	O'CONNELL ST STATION	NBH63	09/02/2021	NR	1000	0.8	0.1	NR	0.8	NR	20.4	NR	0	NR	77.6
	O'CONNELL ST STATION	NBH63	19/03/2021	NR	1022.2	0.3	0.3	NR	0.1	NR	20.7	NR	0	NR	78.9
	TARA STATION	NBH25-S	28/01/2021	NR	985.9	0.5	0.1	NR	0.5	NR	20.3	NR	0	NR	79.3
	TARA STATION	NBH25-S	09/02/2021	NR	1000	0.8	0.1	NR	0.9	NR	20.2	NR	0	NR	79.2
	TARA STATION	NBH25-S	11/03/2021	NR	976.1	0.8	0.4	NR	0.5	NR	19.5	NR	0	NR	78.5
	TARA STATION	NBH64	28/01/2021	NR	985.9	0.3	0.1	NR	2.2	NR	18.2	NR	0	NR	78.8
	TARA STATION	NBH64	09/02/2021	NR	1000	0.7	0.1	NR	4.3	NR	16.3	NR	0	NR	79.3
	TARA STATION	NBH64	11/03/2021	NR	976.1	0.9	1	NR	1.8	NR	20.3	NR	0	NR	77.9

Notes

NR	Not Recorded
m bgl	metres below ground level
mb	millibar
l/hr	litres per hour
% v/v	percentage volume per volume
ppm	parts per million

Appendix G. Groundwater Sampling Data

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 04/10/2007 - 23/03/2021

			Works Area	ESTUARY PARK & RIDE	BROAD MEADOW VIADUCT	BROAD MEADOW VIADUCT	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	SWORDS STATION <250
			Sample Date	05/01/2021	15/01/2008	15/01/2008	15/01/2008	15/01/2008	05/01/2021	05/01/2021	05/01/2021	23/03/2021	23/03/2021	23/03/2021	04/10/2007
			Location	NBH72-S	RC143-D	RC143-S	RC104	RC108	NBH401	NBH402	NBH406	NBH401	NBH402	NBH406	TP150
Analyte	Controlled Waters GAC	Source	Units												
Total Alkalinity as CaCO3			mg/l	1016					298	308	292	286	280	304	
Redox			mV	287.81					283.76	208.03	155.12	278.17	278.53	275.78	
Total Dissolved Solids	1000	ROI IGV	mg/l	474					472	499	383	509	487	373	
Calcium	200	ROI IGV	mg/l	105					115.5	120.1	73.3	114.8	130.1	69.1	
Chloride	30	ROI IGV	mg/l	31.2					38.8	43.5	29.2	57.7	53.1	26.9	
Fluoride	1	ROI IGV	mg/l	< 0.3					0.6	< 0.3	0.6	0.9	< 0.3	0.5	
Phosphorus	0.035	ROI DWS	mg/l	< 0.005					0.014	0.043	< 0.005	0.012	0.039	< 0.005	
Nitrite	0.1	ROI IGV	mg/l	< 0.02					< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Nitrate	25	ROI IGV	mg/l	< 0.2					17.4	19.8	1.7	19	24.3	0.8	
Ammoniacal Nitrogen as N	0.175	ROI DWS	mg/l	0.34					< 0.03	< 0.03	0.1	0.07	< 0.03	0.11	
Sodium	150	ROI IGV	mg/l	20.7					33.7	29.6	23.3	33.9	32.6	22.5	
Sulphate	200	ROI IGV	mg/l	50.9					53.6	50.1	40.7	53.6	55.2	39.6	
Total Sulphur			mg/l												< 0.05
Turbidity			NTU	3200.0					16.2	63.5	166	5.3	8.7	225	
suspended solids at 105°c			mg/l	3594					22	67	183	< 10	< 10	206	
Chemical Oxygen Demand			mg O2/l	7					7	< 7	< 7	< 7	< 7	< 7	
Biological Oxygen Demand	4	ROI EQS	mg O2/l	< 1					< 1	< 1	< 1	< 1	< 1	< 1	
Aluminum	0.2	ROI IGV	mg/l	< 0.02					< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	
Arsenic	0.01	ROI IGV	mg/l	0.0044	< 0.0009	0.003	0.002	0.002	0.0034	< 0.0025	0.0036	< 0.0025	< 0.0025	< 0.0025	< 0.0009
Barium	0.1	ROI IGV	mg/l	0.09					0.057	0.046	0.074	0.059	0.043	0.072	
Boron	1	ROI IGV	mg/l	0.06	401	< 0.026	16	245	0.075	0.048	0.118	89	33	106	0.039
Cadmium	0.005	ROI IGV	mg/l	< 0.0005	< 0.00003	< 0.00003	< 0.00003	< 0.00003	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00003
Chromium	0.03	ROI IGV	mg/l	< 0.0015	< 0.00005	0.003	< 0.00005	0.001	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.00005
Cobalt	0.003	ROI EQS	mg/l	< 0.002					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Copper	0.03	ROI IGV	mg/l	< 0.007	< 0.001	0.001	0.003	< 0.001	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.001
Iron	0.2	ROI IGV	mg/l	0.237					< 0.02	< 0.02	0.16	< 0.02	< 0.02	0.031	
Lead	0.01	ROI IGV	mg/l	< 0.005	0.002	< 0.0004	< 0.0004	0.002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0004
Magnesium	50	ROI IGV	mg/l	25.3					12.5	7.1	29	14.5	7.4	28.8	
Manganese	0.05	ROI IGV	mg/l	0.251					0.01	< 0.002	0.071	0.005	< 0.002	0.011	
Mercury	0.001	ROI IGV	mg/l	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.00001
Nickel	0.02	ROI IGV	mg/l	< 0.002	< 0.001	< 0.001	0.003	0.003	0.004	0.003	< 0.002	< 0.002	< 0.002	< 0.002	0.001
Potassium	5	ROI IGV	mg/l	4.2					5.5	5.3	5.4	4.8	5.1	5.6	
Selenium	0.01	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	0.001	< 0.003	< 0.003	< 0.003	0.004	0.005	< 0.003	0.005
Vanadium	0.02	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	0.002							0.001
Zinc	0.1	ROI IGV	mg/l	< 0.003	0.003	0.011	0.035	0.012	< 0.003	< 0.003	< 0.003	0.004	0.003	0.007	< 0.001
Aliphatic TPH >C5-C6	15	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aliphatic TPH >C6-C8			mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aliphatic TPH >C8-C10	0.3	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aliphatic TPH >C10-C12	0.3	ROI DWS	mg/l	0.01					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Aliphatic TPH >C12-C16	0.3	ROI DWS	mg/l	0.25					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aliphatic TPH >C16-C21	0.3	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aliphatic TPH >C21-C35	0.3	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Total Aliphatic Hydrocarbons			mg/l	0.26					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aromatic TPH >C5-C7	0.001	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aromatic TPH >C7-C8	0.01	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aromatic TPH >C8-C10	0.3	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aromatic TPH >C10-C12	0.09	ROI DWS	mg/l	< 0.005					< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Aromatic TPH >C12-C16	0.09	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aromatic TPH >C16-C21	0.09	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Aromatic TPH >C21-C35	0.09	ROI DWS	mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Total Aromatic Hydrocarbons			mg/l	< 0.01					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Total Petroleum Hydrocarbons	0.01	ROI IGV	mg/l	0.26					< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
C10-C20			mg/l		< 0.01	< 0.01	< 0.01	< 0.01							
Diesel Range Organics			mg/l		< 0.01	< 0.01	< 0.01	< 0.01							
Mineral Oil	60	ROI DWS	mg/l	0.26	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				
Acenaphthene			mg/l	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Acenaphthylene			mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Anthracene	10	ROI IGV	mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Benzo[a]anthracene			mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Benzo[a]pyrene	0.00001	ROI IGV	mg/l	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
benzo(b,k)fluoranthene			mg/l	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Benzo[g,h,i]perylene	0.00005	ROI IGV	mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Chrysene			mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Dibenz(a,h)Anthracene			mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Fluoranthene	0.001	ROI IGV	mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Fluorene			mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Indeno(1,2,3-c,d)Pyrene	0.00005	ROI IGV	mg/l	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Naphthalene	0.001	ROI IGV	mg/l	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Phenanthrene			mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Pyrene			mg/l	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
PAH, Total Detected USEPA 16	0.0001	ROI DWS	mg/l		< 0.00001	< 0.00001	< 0.00001	< 0.00001							
Benzene	0.001	ROI IGV	mg/l	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	0.0003	< 0.0005	< 0.0005	< 0.0005	
Toluene	0.01	ROI IGV	mg/l	< 0.005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Ethylbenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
m & p-Xylene			mg/l	< 0.002					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
o-Xylene	0.01	ROI DWS	mg/l	< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Xylenes, Total	0.01	ROI IGV	mg/l		< 0.01	< 0.01	< 0.01	< 0.01							
1,1,1,2-Tetrachloroethane	0.00057	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,1,2,2-Tetrachloroethane	0.000076	ROI DWS	mg/l	< 0.004	< 0.001	< 0.001	< 0.001	< 0.001	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	
1,1,1-Trichloroethane	0.5	ROI IGV	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,1,2-Trichloroethane	0.00028	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,1-Dichloroethane	0.0028	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
1,1-Dichloroethene	0.009	ROI EQS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
1,1-Dichloropropene			mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
1,2,3-Trichlorobenzene	0.0001	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
1,2,3-Trichloropropane	0.00000075	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
1,2,4-Trichlorobenzene	0.0004	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,2,4-Trimethylbenzene	0.056	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
1,2-Dibromo-3-Chloropropane	0.001	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,2-Dibromoethane	0.0004	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,2-Dichlorobenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,2-Dichloroethane	0.003	ROI IGV	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,2-Dichloropropane	0.04	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,3,5-Trimethylbenzene	0.06	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
1,3-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
1,3-Dichloropropane	0.37	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
1,4-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
2,2-Dichloropropane			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
2-Chlorotoluene	0.24	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
4-Chlorotoluene	0.25	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
4-Isopropyltoluene			mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Bromobenzene	0.062	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Bromochloromethane	0.083	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Bromodichloromethane	0.1	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Bromomethane	0.0075	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Carbon Disulfide			mg/l		< 0.001	< 0.001	< 0.001	< 0.001							
Chlorobenzene	0.001	ROI IGV	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Chloroethane	21	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Chloromethane	0.19	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
cis 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
cis-1,3-Dichloropropene			mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Dibromochloromethane	0.1	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Dibromomethane	0.0083	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Dichlorodifluoromethane	0.2	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Dichloromethane	0.015	ROI DWS	mg/l	< 0.005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Isopropylbenzene	0.45	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Methyl Tert-Butyl Ether	0.03	ROI IGV	mg/l	< 0.0001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	0.0003	< 0.0001	< 0.0001	< 0.0001	
N-Butylbenzene	1	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
N-Propylbenzene	0.66	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Sec-Butylbenzene	2	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Styrene	0.02	ROI DWS	mg/l	< 0.002					< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Tert-Butylbenzene	0.69	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Tetrachloroethene	0.04	ROI IGV	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Tetrachloromethane	0.002	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Trans 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Trans-1,3-Dichloropropene			mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Tribromomethane	0.1	ROI DWS	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Trichloroethene	0.01	ROI IGV	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Trichlorofluoromethane	5.2	ROI DWS	mg/l	< 0.003	< 0.001	< 0.001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	
Trichloromethane	0.012	ROI IGV	mg/l	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Vinyl Chloride	0.0005	ROI DWS	mg/l	< 0.0001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 04/10/2007 - 23/03/2021

				Works Area	ESTUARY PARK & RIDE	BROAD MEADOW VIADUCT	BROAD MEADOW VIADUCT	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	SWORDS STATION <250
				Sample Date	05/01/2021	15/01/2008	15/01/2008	15/01/2008	15/01/2008	05/01/2021	05/01/2021	05/01/2021	23/03/2021	23/03/2021	23/03/2021	04/10/2007
				Location	NBH72-S	RC143-D	RC143-S	RC104	RC108	NBH401	NBH402	NBH406	NBH401	NBH402	NBH406	TP150
2,4-Dinitrotoluene	0.00024	ROI DWS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
2,6-Dinitrotoluene	0.000049	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
2-Chloronaphthalene	0.75	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
2-Methylnaphthalene	0.036	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
2-Nitroaniline	0.19	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
3-Nitroaniline			mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Bromophenylphenyl Ether			mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Chloroaniline	0.00037	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Chlorophenylphenylether			mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Nitroaniline	0.0038	ROI DWS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Azobenzene	0.00012	ROI DWS	mg/l			< 0.001	< 0.001	< 0.001	< 0.001							
Bis(2-Chloroethoxy)Methane	0.059	ROI DWS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Bis-(2-Chloroethyl)Ether	0.000014	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Bis(2-Ethylhexyl)Phthalate	0.008	ROI IGV	mg/l		< 0.005	< 0.001	0.005	< 0.001	< 0.001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	
Butylbenzyl Phthalate	0.0075	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Carbazole			mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Dibenzofuran	0.0079	ROI DWS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Diethyl Phthalate	0.2	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Dimethylphthalate	0.8	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Di-N-Butyl Phthalate	0.002	ROI IGV	mg/l		< 0.0015	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	
Di-N-Octyl Phthalate	0.02	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Hexachlorobenzene	0.00003	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Hexachlorobutadiene	0.0001	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Hexachlorocyclopentadiene	0.00041	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Hexachloroethane	0.00033	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Isophorone	0.078	ROI DWS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
Nitrobenzene	0.01	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
N-Nitrosodi-N-propylamine	0.000011	ROI DWS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
2,4,5-Trichlorophenol	1.2	ROI DWS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
2,4,6-Trichlorophenol	0.2	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
2,4-Dichlorophenol	0.0042	ROI EQS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
2,4-Dimethylphenol	0.36	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
2-Chlorophenol	0.2	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
2-Methylphenol	0.93	ROI DWS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
2-Nitrophenol			mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
4-Chloro-3-Methylphenol	0.04	ROI EQS	mg/l		< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	
4-Methylphenol	1.9	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
4-Nitrophenol			mg/l		< 0.01	< 0.001	< 0.001	< 0.001	< 0.001	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Phenol	0.008	ROI EQS	mg/l		< 0.001					< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Pentachlorophenol	0.002	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Aldrin			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Alpha-Bhc			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Beta-Bhc			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Dieldrin			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Endosulfan Sulfate			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Endosulfan I			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Endosulfan II			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Endrin			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
gamma-BHC (Lindane)			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
4,4'-DDD			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
4,4'-DDE			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
4,4'-DDT			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							
p,p'-Methoxychlor			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Guthion (Azinphos-methyl)	0.00001	ROI EQS	mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Diazinon			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Dichlorvos			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Ethion			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							
Fenitrothion			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Heptachlor			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Heptachlor Epoxide			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Malathion			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
PARATHION, METHYL			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001
Mevinphos			mg/l			< 0.00001	< 0.00001	< 0.00001	< 0.00001							< 0.00001

Project Name: Dublin Metrolink
Works Area: AZ-2
Sample Date: 04/03/2011 - 29/03/2021

			Works Area	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL
			Sample Date	02/02/2021	02/02/2021	02/02/2021	02/02/2021	25/03/2021	25/03/2021	04/03/2011	05/06/2019	08/06/2019	21/01/2021	21/01/2021	29/03/2021	29/03/2021
			Location	NBH04	NBH60	NBH61	NBH62	NBH04	NBH62	MN/104/BH/003	NBH06	NBH06	NBH06A	NBH06W	NBH06A	NBH06W
Analyte	Controlled Waters GAC	Source	Units													
Total Alkalinity as CaCO3			mg/l	1398	216	380	338	2168	320				332	248	274	254
Conductivity	1000	ROI IGV	us/cm							7.1						
Redox			mV	265.17	256.34	271.26	266.95	296.28	282.49				49.5	96.33		
Total Dissolved Solids	1000	ROI IGV	mg/l	563	393	743	586	625	609		450	450	557	410	546	419
Cyanide (Total)	0.1	ROI IGV	mg/l							< 0.02						
Calcium	200	ROI IGV	mg/l	120	51.8	131	83.6	137.9	87.1				113.2	45.6	110.7	45
Chloride	30	ROI IGV	mg/l	88.2	134.2	174.2	127.8	113.8	132.4	47	43	41	29.2	37.2	29.6	40.8
Fluoride	1	ROI IGV	mg/l	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3				0.4	1.6	0.3	1.4
Phosphorus	0.035	ROI DWS	mg/l	< 0.005	0.013	< 0.005	< 0.005	< 0.005	0.047				0.008	0.011	< 0.005	< 0.005
Nitrite	0.1	ROI IGV	mg/l	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.01			< 0.02	< 0.02	< 0.02	< 0.02
Nitrate	25	ROI IGV	mg/l	1	3	2.9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ammoniacal Nitrogen as N	0.175	ROI DWS	mg/l	0.59	0.06	0.1	0.04	0.2	0.04	0.7			0.24	0.59	0.25	0.59
Sodium	150	ROI IGV	mg/l	56.2	80.5	48.6	116.3	59.9	117.5	48			28.9	62.1	28.8	62.4
Sulphate	200	ROI IGV	mg/l	37.4	19.7	23.6	32.6	35.9	31.4				112.2	76.3	97.1	73.1
Turbidity			NTU	1590.0	1600.0	3680.0	2710.0	3045.0	1225.0				97.2	2.9		
suspended solids at 105°c			mg/l	1010	1131	2849	2114	2375	932		720	66	19	< 10	27	< 10
Chemical Oxygen Demand			mg O2/l	23	29	21	49	10	14		< 10	< 10	< 7	23	< 7	19
Biological Oxygen Demand	4	ROI EQS	mg O2/l	2	2	1	2	< 1	< 1				< 1	11	1	8
Aluminum	0.2	ROI IGV	mg/l	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.072	< 0.01			< 0.02	< 0.02	< 0.02	< 0.02
Arsenic	0.01	ROI IGV	mg/l	< 0.0025	< 0.0025	< 0.0025	0.0026	< 0.0025	< 0.0025	0.004	0.0012	< 0.0009	< 0.0025	0.0031	< 0.0025	< 0.0025
Barium	0.1	ROI IGV	mg/l	0.101	0.04	0.094	0.126	0.116	0.145				0.067	0.089	0.068	0.088
Boron	1	ROI IGV	mg/l	0.039	< 12	0.043	0.025	47	23	0.06			0.068	0.299	87	304
Cadmium	0.005	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00003	< 0.00003	< 0.00003	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chromium	0.03	ROI IGV	mg/l	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.003	0.0024	< 0.00005	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Cobalt	0.003	ROI EQS	mg/l	0.005	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002				< 0.002	< 0.002	< 0.002	< 0.002
Copper	0.03	ROI IGV	mg/l	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	0.001	< 0.001	< 0.001	< 0.007	< 0.007	< 0.007	< 0.007
Iron	0.2	ROI IGV	mg/l	0.68	0.031	< 0.02	< 0.02	0.601	0.107				6.558	< 0.02	7.856	< 0.02
Lead	0.01	ROI IGV	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0004	< 0.0004	< 0.0004	< 0.005	< 0.005	< 0.005	< 0.005
Magnesium	50	ROI IGV	mg/l	10	2.1	18.1	11.8	9.9	12.1				29.3	28.4	29.4	29
Manganese	0.05	ROI IGV	mg/l	2.113	0.002	0.014	0.738	2.085	0.602				1.344	0.008	1.307	0.009
Mercury	0.001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.00001	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001
Nickel	0.02	ROI IGV	mg/l	0.004	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.014	0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Potassium	5	ROI IGV	mg/l	1.9	0.9	1.4	0.8	1.7	1				1.8	4.9	1.7	5
Selenium	0.01	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Zinc	0.1	ROI IGV	mg/l	0.022	0.008	0.007	< 0.003	0.027	0.021		0.0089	0.0089	< 0.003	< 0.003	< 0.003	< 0.003
Aliphatic TPH >C5-C6	15	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C6-C8			mg/l	0.028	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C8-C10	0.3	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C10-C12	0.3	ROI DWS	mg/l	0.206	< 0.005	< 0.005	< 0.005	< 0.005	0.13				< 0.005	< 0.005	< 0.005	< 0.005
Aliphatic TPH >C12-C16	0.3	ROI DWS	mg/l	1.38	< 0.01	< 0.01	< 0.01	< 0.01	0.09				< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C16-C21	0.3	ROI DWS	mg/l	0.04	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C21-C35	0.3	ROI DWS	mg/l	0.21	0.15	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Total Aliphatic Hydrocarbons			mg/l	1.864	0.15	< 0.01	< 0.01	< 0.01	0.22				< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C5-C7	0.001	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C7-C8	0.01	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C8-C10	0.3	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C10-C12	0.09	ROI DWS	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005				< 0.005	< 0.005	< 0.005	< 0.005
Aromatic TPH >C12-C16	0.09	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C16-C21	0.09	ROI DWS	mg/l	< 0.01	0.28	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C21-C35	0.09	ROI DWS	mg/l	< 0.01	1.38	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Total Aromatic Hydrocarbons			mg/l	< 0.01	1.66	< 0.01	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01
Total Petroleum Hydrocarbons	0.01	ROI IGV	mg/l	1.864	1.81	< 0.01	< 0.01	< 0.01	0.22				< 0.01	< 0.01	< 0.01	< 0.01
Diesel Range Organics			mg/l							< 0.01						
Mineral Oil	60	ROI DWS	mg/l	1.836	0.15	< 0.01	< 0.01						< 0.01	< 0.01		
Acenaphthene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.00001			< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene			mg/l	< 0.0005	0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Anthracene	10	ROI IGV	mg/l	< 0.0005	0.0034	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[a]anthracene			mg/l	< 0.0005	0.0414	0.0009	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[a]pyrene	0.00001	ROI IGV	mg/l	< 0.001	0.042	< 0.001	< 0.001	< 0.001	< 0.001	< 0.00001			< 0.001	< 0.001	< 0.001	< 0.001
Benzo[b]fluoranthene	0.0005	ROI IGV	mg/l							< 0.002						
benzo(b,k)fluoranthene			mg/l	< 0.001	0.074	0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001
Benzo[g,h,i]perylene	0.00005	ROI IGV	mg/l	< 0.0005	0.0225	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[k]fluoranthene	0.00005	ROI IGV	mg/l							< 0.002						
Chrysene			mg/l	< 0.0005	0.0408	0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenz(a,h)Anthracene			mg/l	< 0.0005	0.0099	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Fluoranthene	0.001	ROI IGV	mg/l	< 0.0005	0.0539	0.0007	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Fluorene			mg/l	< 0.0005	0.0009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Indeno(1,2,3-c,d)Pyrene	0.00005	ROI IGV	mg/l	< 0.001	0.022	< 0.001	< 0.001	< 0.001	< 0.001	< 0.00001			< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.00001			< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene			mg/l	< 0.0005	0.0063	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Pyrene			mg/l	< 0.0005	0.0516	0.0007	< 0.0005	< 0.0005	< 0.0005	< 0.00001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzene	0.001	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Toluene	0.01	ROI IGV	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		< 0.001	< 0.001	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002				< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	0.01	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	0.00057	ROI DWS	mg/l	1.864	1.81	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2,2-Tetrachloroethane	0.000076	ROI DWS	mg/l	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004				< 0.004	< 0.004	< 0.004	< 0.004
1,1,1-Trichloroethane	0.5	ROI IGV	mg/l	1.836	0.15	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	0.00028	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
1,1-Dichloroethane	0.0028	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
1,1-Dichloroethene	0.009	ROI EQS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
1,1-Dichloropropene			mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003				< 0.003	< 0.003	< 0.003	< 0.003
1,2,3-Trichlorobenzene	0.0001	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.00001	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
1,2,3-Trichloropropane	0.00000075	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
1,2,4-Trichlorobenzene	0.0004	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	0.056	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
1,2,3,4-Tetrachlorobenzene			mg/l							< 0.00002						
1,2-Dibromo-3-Chloropropane	0.001	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromoethane	0.0004	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichlorobenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	0.003	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.04	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
1,3,5-Trichlorobenzene			mg/l							< 0.00002						
1,3,5-Trimethylbenzene	0.06	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
1,3-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	0.37	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorotoluene	0.24	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
4-Chlorotoluene	0.25	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
4-Isopropyltoluene			mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Bromobenzene	0.062	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Bromochloromethane	0.083	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Bromodichloromethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Bromomethane	0.0075	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	21	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Chloromethane	0.19	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
cis 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
cis-1,3-Dichloropropene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Dibromochloromethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	0.0083	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Dichlorodifluoromethane	0.2	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Dichloromethane	0.015	ROI DWS	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005				< 0.005	< 0.005	< 0.005	< 0.005
Isopropylbenzene	0.45	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Methyl Tert-Butyl Ether	0.03	ROI IGV	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001		< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
N-Butylbenzene	1	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
N-Propylbenzene	0.66	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Pentachlorobenzene			mg/l							< 0.00002						
Sec-Butylbenzene	2	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Styrene	0.02	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Tert-Butylbenzene	0.69	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Tetrachloroethene	0.04	ROI IGV	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Tetrachloromethane	0.002	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002				< 0.002	< 0.002	< 0.002	< 0.002
Trans 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Trans-1,3-Dichloropropene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Tribromomethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene	0.01	ROI IGV	mg/l	0.004	< 0.003	< 0.003	< 0.003	0.004	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Trichlorofluoromethane	5.2	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003		< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003
Trichloromethane	0.012	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002
Vinyl Chloride	0.0005	ROI DWS	mg/l	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001		< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001

Project Name: Dublin Metrolink
Works Area: AZ-2
Sample Date: 04/03/2011 - 29/03/2021

			Works Area	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL
			Sample Date	02/02/2021	02/02/2021	02/02/2021	02/02/2021	25/03/2021	25/03/2021	04/03/2011	05/06/2019	08/06/2019	21/01/2021	21/01/2021	29/03/2021	29/03/2021
			Location	NBH04	NBH60	NBH61	NBH62	NBH04	NBH62	MN/104/BH/003	NBH06	NBH06	NBH06A	NBH06W	NBH06A	NBH06W
1,1'-BIPHENYL	0.025	ROI EQS	mg/l							< 0.002						
2,4-Dinitrotoluene	0.00024	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,6-Dinitrotoluene	0.000049	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
2-Chloronaphthalene	0.75	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
2-Methylnaphthalene	0.036	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
2-Nitroaniline	0.19	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
3-Nitroaniline			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
4-Bromophenylphenyl Ether			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
4-Chloroaniline	0.00037	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorophenylphenylether			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
4-Nitroaniline	0.0038	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis(2-Chloroethoxy)Methane	0.059	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis-(2-Chloroethyl)Ether	0.000014	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
Bis(2-Chloroisopropyl)Ether			mg/l							< 0.005						
Bis(2-Ethylhexyl)Phthalate	0.008	ROI IGV	mg/l	0.007	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.001			< 0.005	< 0.005	< 0.005	< 0.005
Butylbenzyl Phthalate	0.0075	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
Carbazole			mg/l	< 0.0005	0.0006	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenzofuran	0.0079	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diethyl Phthalate	0.2	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
Dimethylphthalate	0.8	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
Di-N-Butyl Phthalate	0.002	ROI IGV	mg/l	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.001			< 0.0015	< 0.0015	< 0.0015	< 0.0015
Di-N-Octyl Phthalate	0.02	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorobenzene	0.00003	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorobutadiene	0.0001	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorocyclopentadiene	0.00041	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
Hexachloroethane	0.00033	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
Isophorone	0.078	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrobenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosodi-N-propylamine	0.000011	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.07			< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4,5-Trichlorophenol	1.2	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4,6-Trichlorophenol	0.2	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
2,4-Dichlorophenol	0.0042	ROI EQS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4-Dimethylphenol	0.36	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorophenol	0.2	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
2-Methylphenol	0.93	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
2-Nitrophenol			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
4-Chloro-3-Methylphenol	0.04	ROI EQS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001			< 0.0005	< 0.0005	< 0.0005	< 0.0005
4-Methylphenol	1.9	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001
4-Nitrophenol			mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005			< 0.01	< 0.01	< 0.01	< 0.01
Phenol	0.008	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001
Pentachlorophenol	0.002	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.001
2-Methyl-4,6-Dinitrophenol	0.0015	ROI DWS	mg/l							< 0.05						
m/p-cresol			mg/l							< 0.02						
PCB 118	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 77	0.0000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 81	0.000006	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 105	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 114	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 123	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 126	0.0000000012	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 156	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 157	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 167	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 169	0.000000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
PCB 189	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001							
Total PCBs (12 Congeners)	0.00001	ROI IGV	mg/l	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012							
Aldrin			mg/l							< 0.00002						
Alpha-Bhc			mg/l							< 0.0001						
Beta-Bhc			mg/l							< 0.00002						
Delta-Bhc			mg/l							< 0.00001						
Chlorothalonil			mg/l							< 0.00001						
Alpha-Chlordane			mg/l							< 0.00002						
Dieldrin			mg/l							< 0.00001						
Endosulfan Sulfate			mg/l							< 0.00001						
Endosulfan I			mg/l							< 0.00001						
Endosulfan II			mg/l							< 0.00001						
Endrin			mg/l							< 0.00001						
Endrin Ketone			mg/l							< 0.00002						
gamma-BHC (Lindane)			mg/l							< 0.00002						
4,4'-DDD			mg/l							< 0.00001						
4,4'-DDE			mg/l							< 0.00001						
4,4'-DDT			mg/l							< 0.00001						
Guthion (Azinphos-methyl)	0.00001	ROI EQS	mg/l							< 0.00001	< 0.0002	< 0.0002				
Coumaphos	0.00003	ROI EQS	mg/l								< 0.0002	< 0.0002				
Demeton-S			mg/l								< 0.0002	< 0.0002				
Diazinon			mg/l							< 0.00001						
Dichlorvos			mg/l							< 0.00001						
DISULFOTON	0.0001	ROI DWS	mg/l								< 0.0002	< 0.0002				
Ethion			mg/l							< 0.00001						
Fenitrothion			mg/l							< 0.00001						
Fensulfothion			mg/l								< 0.0002	< 0.0002				
Fenthion	0.0001	ROI DWS	mg/l							< 0.00002	< 0.0002	< 0.0002				
Heptachlor			mg/l							< 0.00001						
Heptachlor Epoxide			mg/l							< 0.00001						
Malathion			mg/l							< 0.00001						
Methoxychlor			mg/l							< 0.00001						
PARATHION, METHYL			mg/l							< 0.00001						
Mevinphos			mg/l							< 0.00001						
PHORATE	0.0001	ROI DWS	mg/l								< 0.0002	< 0.0002				
Sulprofos			mg/l								< 0.0002	< 0.0002				
Tbto	0.0000002	ROI EQS	mg/l								< 0.00005 < 0.000001	< 0.00005 < 0.000001				
Tokuthion			mg/l								< 0.0002	< 0.0002				
Trichloronate			mg/l								< 0.0002	< 0.0002				
Ametryn			mg/l							< 0.00002						
Atrazine			mg/l							< 0.00003						
Prometryne			mg/l							< 0.00002						
Propazine			mg/l							< 0.00003						
Simazine			mg/l							< 0.00003						
Terbuthylazine			mg/l							< 0.0001						
Terbutryn			mg/l							< 0.00003						
PFBA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFBS			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFDA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFDoA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFDS			mg/l					< 0.00005	< 0.00005							
PFHpA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFHpS			mg/l					< 0.0001	< 0.0001							
PFHxA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFHxDA			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005									
PFHxS			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFNA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFNS			mg/l					< 0.00005	< 0.00005							
PFOA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFODA			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005									
PFOS			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFOSA			mg/l					< 0.001	< 0.001							
PFPeA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFPeS			mg/l					< 0.00005	< 0.00005							
PFTeDA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFTrDA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
PFUnA			mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005							
N-EtFOSAA			mg/l					< 0.0002	< 0.0002							
N-MeFOSAA			mg/l					< 0.001	< 0.001							
4:2 FTS			mg/l					< 0.0001	< 0.0001							
6:2 FTS			mg/l					< 0.0002	< 0.0002							
8:2 FTS			mg/l					< 0.00005	< 0.00005							

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 10/02/2011 - 29/03/2021

			Works Area	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD TUNNEL	NORTHWOOD TUNNEL
			Sample Date	10/02/2011	04/03/2011	25/02/2021	25/02/2021	29/03/2021	29/03/2021	06/01/2021	12/03/2021	06/01/2021	12/03/2021
			Location	MN/104/TP/006	MN/104/BH/002	AWN01	AWN02	AWN01	AWN02	NBH12	NBH12	NBH73-S	NBH73-S
Analyte	Controlled Waters GAC	Source	Units										
Total Alkalinity as CaCO3			mg/l			364	2118	298	268	296	274	3502	2118
Conductivity	1000	ROI IGV	us/cm	1030	7.2								
Redox			mV			89.15	192.8			116.71	217.04	273.39	234.35
Total Dissolved Solids	1000	ROI IGV	mg/l			563	411	531	446	425	498	426	411
Cyanide (Total)	0.1	ROI IGV	mg/l	< 0.02	< 0.02								
Calcium	200	ROI IGV	mg/l			102.8	62.8	119.4	50.3	86.9	84.4	102.8	111.8
Chloride	30	ROI IGV	mg/l	41	46	75.2	29.5	36.9	29.3	34.4	26.4	< 0.3	16.7
Fluoride	1	ROI IGV	mg/l			< 0.3	< 0.3	0.3	0.5	0.3	0.3	< 0.3	< 0.3
Phosphorus	0.035	ROI DWS	mg/l			< 0.005	< 0.005	< 0.005	0.006	0.006	< 0.005	< 0.005	< 0.005
Nitrite	0.1	ROI IGV	mg/l	0.1	0.03	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.08	< 0.02	< 0.02
Nitrate	25	ROI IGV	mg/l	1.4	0.3	< 0.2	0.8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ammoniacal Nitrogen as N	0.175	ROI DWS	mg/l	6.7	0.5	0.48	0.39	0.25	0.33	0.23	0.09	0.06	0.07
Sodium	150	ROI IGV	mg/l	45	71	43	51.4	25.8	90	28.1	27.3	19.6	15.8
Sulphate	200	ROI IGV	mg/l			64	69.2	76	95.5	57.9	72.5	30.1	35
Turbidity			NTU			792.0	5020.0			9.5	14.5	18950.0	11000.0
suspended solids at 105°c			mg/l			1624	5746	107	2278	19	17	3746	7286
Chemical Oxygen Demand			mg O2/l			11	< 7	7	40	< 7	14	8	62
Biological Oxygen Demand	4	ROI EQS	mg O2/l			< 1	< 1	< 1	< 1	< 1	2	2	1
Aluminum	0.2	ROI IGV	mg/l	0.02	< 0.01	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Arsenic	0.01	ROI IGV	mg/l	< 0.0009	0.002	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0042	< 0.0025	< 0.0025	0.0028
Barium	0.1	ROI IGV	mg/l			0.075	0.027	0.077	0.043	0.045	0.041	0.062	0.058
Boron	1	ROI IGV	mg/l	0.14	0.08	65	80	74	85	0.059	58	0.042	44
Cadmium	0.005	ROI IGV	mg/l	< 0.00003	< 0.00003	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chromium	0.03	ROI IGV	mg/l	0.006	0.004	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Cobalt	0.003	ROI EQS	mg/l			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Copper	0.03	ROI IGV	mg/l	0.003	0.009	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Iron	0.2	ROI IGV	mg/l			0.064	0.026	0.442	< 0.02	0.069	0.036	< 0.02	< 0.02
Lead	0.01	ROI IGV	mg/l	< 0.0004	< 0.0004	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Magnesium	50	ROI IGV	mg/l			17.1	14.5	20.9	13.7	22.1	20	12.6	11.6
Manganese	0.05	ROI IGV	mg/l			0.569	0.04	0.688	0.069	0.152	0.148	< 0.002	0.068
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Nickel	0.02	ROI IGV	mg/l	0.003	0.009	0.003	< 0.002	< 0.002	0.002	< 0.002	< 0.002	< 0.002	< 0.002
Potassium	5	ROI IGV	mg/l			11.1	4.7	7.2	4.5	1.9	1.7	1.6	1.5
Selenium	0.01	ROI DWS	mg/l			< 0.003	0.018	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Zinc	0.1	ROI IGV	mg/l			0.005	0.003	< 0.003	0.004	< 0.003	< 0.003	< 0.003	< 0.003
Aliphatic TPH >C5-C6	15	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C6-C8			mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C8-C10	0.3	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C10-C12	0.3	ROI DWS	mg/l			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Aliphatic TPH >C12-C16	0.3	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C16-C21	0.3	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C21-C35	0.3	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Aliphatic Hydrocarbons			mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C5-C7	0.001	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C7-C8	0.01	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C8-C10	0.3	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C10-C12	0.09	ROI DWS	mg/l			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Aromatic TPH >C12-C16	0.09	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C16-C21	0.09	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C21-C35	0.09	ROI DWS	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Aromatic Hydrocarbons			mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Petroleum Hydrocarbons	0.01	ROI IGV	mg/l			< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Diesel Range Organics			mg/l	0.01	0.01								
Mineral Oil	60	ROI DWS	mg/l							< 0.01		< 0.01	
Acenaphthene			mg/l	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene			mg/l	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Anthracene	10	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[a]anthracene			mg/l	< 0.00001	0.002	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[a]pyrene	0.00001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Benzo[b]fluoranthene	0.0005	ROI IGV	mg/l	< 0.002	0.002								
benzo(b,k)fluoranthene			mg/l			< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Benzo[g,h,i]perylene	0.00005	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[k]fluoranthene	0.00005	ROI IGV	mg/l	< 0.002	0.002								
Chrysene			mg/l	< 0.00001	0.002	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenz(a,h)Anthracene			mg/l	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Fluoranthene	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Fluorene			mg/l	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Indeno(1,2,3-c,d)Pyrene	0.00005	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene			mg/l	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Pyrene			mg/l	< 0.00001	< 0.00001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzene	0.001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0005	< 0.0005	< 0.0005
Toluene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene			mg/l			< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	0.01	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	0.00057	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2,2-Tetrachloroethane	0.000076	ROI DWS	mg/l	< 0.001	< 0.001	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
1,1,1-Trichloroethane	0.5	ROI IGV	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	0.00028	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1-Dichloroethane	0.0028	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,1-Dichloroethene	0.009	ROI EQS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,1-Dichloropropene			mg/l			< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,3-Trichlorobenzene	0.0001	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,3-Trichloropropane	0.00000075	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,4-Trichlorobenzene	0.0004	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	0.056	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2-Dibromo-3-Chloropropane	0.001	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromoethane	0.0004	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichlorobenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	0.003	ROI IGV	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.04	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3,5-Trimethylbenzene	0.06	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,3-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	0.37	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorotoluene	0.24	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
4-Chlorotoluene	0.25	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
4-Isopropyltoluene			mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Bromobenzene	0.062	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromochloromethane	0.083	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromodichloromethane	0.1	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromomethane	0.0075	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	21	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Chloromethane	0.19	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
cis 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
cis-1,3-Dichloropropene			mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromochloromethane	0.1	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	0.0083	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Dichlorodifluoromethane	0.2	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dichloromethane	0.015	ROI DWS	mg/l			< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropylbenzene	0.45	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Methyl Tert-Butyl Ether	0.03	ROI IGV	mg/l			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
N-Butylbenzene	1	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
N-Propylbenzene	0.66	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Sec-Butylbenzene	2	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Styrene	0.02	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Tert-Butylbenzene	0.69	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Tetrachloroethene	0.04	ROI IGV	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Tetrachloromethane	0.002	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trans 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Trans-1,3-Dichloropropene			mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Tribromomethane	0.1	ROI DWS	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Trichlorofluoromethane	5.2	ROI DWS	mg/l	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Trichloromethane	0.012	ROI IGV	mg/l	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Vinyl Chloride	0.0005	ROI DWS	mg/l	< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 10/02/2011 - 29/03/2021

				Works Area	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD TUNNEL	NORTHWOOD TUNNEL
				Sample Date	10/02/2011	04/03/2011	25/02/2021	25/02/2021	29/03/2021	29/03/2021	06/01/2021	12/03/2021	06/01/2021	12/03/2021
				Location	MN/104/TP/006	MN/104/BH/002	AWN01	AWN02	AWN01	AWN02	NBH12	NBH12	NBH73-S	NBH73-S
1,1'-BIPHENYL	0.025	ROI EQS	mg/l		< 0.002	< 0.002								
2,4-Dinitrotoluene	0.00024	ROI DWS	mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,6-Dinitrotoluene	0.000049	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chloronaphthalene	0.75	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Methylnaphthalene	0.036	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Nitroaniline	0.19	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
3-Nitroaniline			mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Bromophenylphenyl Ether			mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chloroaniline	0.00037	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorophenylphenylether			mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Nitroaniline	0.0038	ROI DWS	mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis(2-Chloroethoxy)Methane	0.059	ROI DWS	mg/l				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis-(2-Chloroethyl)Ether	0.000014	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bis(2-Chloroisopropyl)Ether			mg/l		< 0.005	< 0.005								
Bis(2-Ethylhexyl)Phthalate	0.008	ROI IGV	mg/l		< 0.001	0.069	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Butylbenzyl Phthalate	0.0075	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Carbazole			mg/l				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenzofuran	0.0079	ROI DWS	mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diethyl Phthalate	0.2	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dimethylphthalate	0.8	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Di-N-Butyl Phthalate	0.002	ROI IGV	mg/l		< 0.001	< 0.001	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Di-N-Octyl Phthalate	0.02	ROI EQS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorobenzene	0.00003	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorobutadiene	0.0001	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorocyclopentadiene	0.00041	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachloroethane	0.00033	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isophorone	0.078	ROI DWS	mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrobenzene	0.01	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosodi-N-propylamine	0.000011	ROI DWS	mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4,5-Trichlorophenol	1.2	ROI DWS	mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4,6-Trichlorophenol	0.2	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2,4-Dichlorophenol	0.0042	ROI EQS	mg/l				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4-Dimethylphenol	0.36	ROI DWS	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorophenol	0.2	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Methylphenol	0.93	ROI DWS	mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2-Nitrophenol			mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4-Chloro-3-Methylphenol	0.04	ROI EQS	mg/l		< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4-Methylphenol	1.9	ROI DWS	mg/l				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Nitrophenol			mg/l		< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenol	0.008	ROI EQS	mg/l				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Pentachlorophenol	0.002	ROI IGV	mg/l		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Methyl-4,6-Dinitrophenol	0.0015	ROI DWS	mg/l		< 0.05	< 0.05								
m/p-cresol			mg/l		< 0.02	< 0.02								

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 14/02/2018 - 24/03/2021

Analyte	Controlled Waters GAC	Source	Units	BALLYMUN STATION 06/01/2021 NBH203A-D	BALLYMUN STATION 06/01/2021 NBH203A-S	BALLYMUN STATION 12/03/2021 NBH203A-D	COLLINS AVE STATION 06/01/2021 NBH207-D	COLLINS AVE STATION 12/03/2021 NBH207-D	COLLINS AVE STN <250 07/01/2021 NBH102-S	COLLINS AVE STN <250 15/03/2021 NBH102-S	ALBERT COLLEGE PARK 09/02/2021 ABH30i	ALBERT COLLEGE PARK 23/03/2021 ABH30I	GRIFFITH PRK STATION 07/01/2021 NBH211
Total Alkalinity as CaCO3			mg/l	4274	576	4960	5656	1228	320	312	270	280	292
Hardness,Calcium as CaCO3	200	ROI IGV	mg/l										
Redox			mV	245.3	255.85	225.95	252.71	224.77	202.53	221.4	40.09	279.81	211.36
Total Organic Carbon			mg/l										
Total Dissolved Solids	1000	ROI IGV	mg/l	718	528	578	459	466	486	486	419	494	547
Cyanide (Total)	0.1	ROI IGV	mg/l										
Calcium	200	ROI IGV	mg/l	36.9	62.9	82.8	83.5	79.2	99.9	98.3	101.9	119.8	114
Chloride	30	ROI IGV	mg/l	< 0.3	< 0.3	30.1	31.7	29.6	37.1	37.4	30.3	36.1	54.5
Fluoride	1	ROI IGV	mg/l	0.5	0.3	0.4	0.5	0.5	0.4	0.3	0.3	< 0.3	< 0.3
Phosphorus	0.035	ROI DWS	mg/l	0.009	0.005	0.006	0.009	< 0.005	0.011	< 0.005	0.007	< 0.005	0.007
Nitrite	0.1	ROI IGV	mg/l	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.31	< 0.02	< 0.02
Nitrate	25	ROI IGV	mg/l	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ammoniacal Nitrogen as N	0.175	ROI DWS	mg/l	0.69	0.47	0.34	0.4	0.34	0.8	0.74	0.22	< 0.03	0.18
Ammonia Free As N	0.3	ROI EQS	mg/l										
Sodium	150	ROI IGV	mg/l	128.3	80.9	44.1	45	28.9	31.8	29.5	32.8	21.7	37.5
Sulphate	200	ROI IGV	mg/l	129.9	140.5	111.3	75.7	69.5	70.5	73	74.8	88	109.9
Sulphide			mg/l										
Turbidity			NTU	39600.0	18075.0	45300.0	17275.0	781	39.2	15.4	70.2	26.2	242
suspended solids at 105°c			mg/l	41243	17232	39856	15851	2632	34	11	105	25	199
Chemical Oxygen Demand			mg O2/l	< 7	180	40	16	34	< 7	12	10	< 7	< 7
Biological Oxygen Demand	4	ROI EQS	mg O2/l	1	10	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1
Aluminum	0.2	ROI IGV	mg/l	< 0.02	< 0.02	0.359	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Antimony	0.005	ROI DWS	mg/l										
Arsenic	0.01	ROI IGV	mg/l	< 0.0025	< 0.0025	0.0048	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Barium	0.1	ROI IGV	mg/l	0.037	0.061	0.036	0.043	0.035	0.074	0.064	0.044	0.055	0.034
Boron	1	ROI IGV	mg/l	0.115	0.111	108	0.067	63	0.075	65	63	52	0.067
Cadmium	0.005	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chromium, Hexavalent (Cr6+)	0.0034	ROI EQS	mg/l										
Chromium	0.03	ROI IGV	mg/l	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Cobalt	0.003	ROI EQS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Copper	0.03	ROI IGV	mg/l	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Iron	0.2	ROI IGV	mg/l	< 0.02	< 0.02	0.097	< 0.02	0.179	0.48	0.627	0.026	0.145	0.414
Lead	0.01	ROI IGV	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Magnesium	50	ROI IGV	mg/l	14.8	22.9	24.2	18.5	16.3	26.1	23.9	11.8	14.6	23.4
Manganese	0.05	ROI IGV	mg/l	0.062	0.168	0.333	0.068	0.078	0.809	0.843	0.306	0.631	0.057
Mercury	0.001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Molybdenum	0.07	ROI DWS	mg/l										
Nickel	0.02	ROI IGV	mg/l	< 0.002	< 0.002	0.003	0.008	< 0.002	0.002	< 0.002	0.007	< 0.002	< 0.002
Potassium	5	ROI IGV	mg/l	5.7	5	3.4	3.7	3	2.7	2.7	5.1	1.7	3
Selenium	0.01	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	0.012	< 0.003	< 0.003
Vanadium	0.02	ROI EQS	mg/l										
Zinc	0.1	ROI IGV	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	0.004	< 0.003	0.015	< 0.003	< 0.003
Aliphatic TPH >C5-C6	15	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C6-C8			mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C8-C10	0.3	ROI DWS	mg/l	0.036	0.13	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C10-C12	0.3	ROI DWS	mg/l	0.074	1.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Aliphatic TPH >C12-C16	0.3	ROI DWS	mg/l	2.12	0.11	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C16-C21	0.3	ROI DWS	mg/l	0.07	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C21-C35	0.3	ROI DWS	mg/l	< 0.01	1.1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C35-C44	0.3	ROI DWS	mg/l										
Total Aliphatic Hydrocarbons			mg/l		2.39	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C5-C7	0.001	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C7-C8	0.01	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C8-C10	0.3	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C10-C12	0.09	ROI DWS	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Aromatic TPH >C12-C16	0.09	ROI DWS	mg/l	0.09	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C16-C21	0.09	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C21-C35	0.09	ROI DWS	mg/l	< 0.01	0.49	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C35-C44	0.09	ROI DWS	mg/l										
Total Aromatic Hydrocarbons			mg/l		0.49	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Petroleum Hydrocarbons	0.01	ROI IGV	mg/l	2.39	2.88	< 0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Mineral Oil	60	ROI DWS	mg/l	2.264	2.43		< 0.01		< 0.01				< 0.01
Acenaphthene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Anthracene	10	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[a]anthracene			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[a]pyrene	0.00001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Benzo[b]fluoranthene	0.0005	ROI IGV	mg/l										
benzo(b,k)fluoranthene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Benzo[g,h,i]perylene	0.00005	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[k]fluoranthene	0.00005	ROI IGV	mg/l										
Chrysene			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenz(a,h)Anthracene			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Fluoranthene	0.001	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Fluorene			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Indeno(1,2,3-c,d)Pyrene	0.00005	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	0.001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Pyrene			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzene	0.001	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Toluene	0.01	ROI IGV	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	0.01	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	0.00057	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2,2-Tetrachloroethane	0.000076	ROI DWS	mg/l	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
1,1,1-Trichloroethane	0.5	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	0.00028	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1-Dichloroethane	0.0028	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,1-Dichloroethene	0.009	ROI EQS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,1-Dichloropropene			mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,3-Trichlorobenzene	0.0001	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,3-Trichloropropane	0.00000075	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,4-Trichlorobenzene	0.0004	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	0.056	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2-Dibromo-3-Chloropropane	0.001	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromoethane	0.0004	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichlorobenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	0.003	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	0.04	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3,5-Trimethylbenzene	0.06	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,3-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	0.37	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorotoluene	0.24	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
4-Chlorotoluene	0.25	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
4-Isopropyltoluene			mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Bromobenzene	0.062	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromochloromethane	0.083	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromodichloromethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromomethane	0.0075	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	21	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Chloromethane	0.19	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
cis 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
cis-1,3-Dichloropropene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromochloromethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	0.0083	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Dichlorodifluoromethane	0.2	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dichloromethane	0.015	ROI DWS	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropylbenzene	0.45	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Methyl Tert-Butyl Ether	0.03	ROI IGV	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
N-Butylbenzene	1	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
N-Propylbenzene	0.66	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Sec-Butylbenzene	2	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Styrene	0.02	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Tert-Butylbenzene	0.69	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Tetrachloroethene	0.04	ROI IGV	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Tetrachloromethane	0.002	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trans 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Trans-1,3-Dichloropropene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Tribromomethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene	0.01	ROI IGV	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Trichlorofluoromethane	5.2	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Trichloromethane	0.012	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Vinyl Chloride	0.0005	ROI DWS	mg/l	0.0007	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001

Analyte	GRIFFITH PRK STATION 07/01/2021 NBH17	GRIFFITH PRK STATION 07/01/2021 NBH223-D	GRIFFITH PRK STATION 15/03/2021 NBH17	GRIFFITH PRK STATION 15/03/2021 NBH211	GRIFFITH PRK STATION 15/03/2021 NBH223-S	GLASNEVIN STATION 09/07/2019 NBH19A	GLASNEVIN STATION 15/07/2019 NBH19A	GLASNEVIN STATION 08/01/2021 NBH19W	GLASNEVIN STATION 08/01/2021 NBH19A	GLASNEVIN STATION 08/01/2021 NBH20-S
Total Alkalinity as CaCO3	382	2272	696	492	360			330	408	7498
Hardness,Calcium as CaCO3										
Redox	177.41	200.38	242.45	230.4	229.97			200.88	208.64	195.58
Total Organic Carbon										
Total Dissolved Solids	587	522	725	597	459	480	480	525	682	428
Cyanide (Total)										
Calcium	156.2	78.8	149.7	107.3	74.4			103.8	143.9	74.9
Chloride	17.8	60.5	17.8	54.8	48.6	51	48	39.7	25.2	25.6
Fluoride	< 0.3	0.5	< 0.3	< 0.3	0.4			< 0.3	< 0.3	0.6
Phosphorus	0.011	< 0.005	0.007	< 0.005	< 0.005			< 0.005	< 0.005	0.008
Nitrite	< 0.02	< 0.02	0.33	< 0.02	< 0.02			< 0.02	< 0.02	< 0.02
Nitrate	30	0.3	36.2	< 0.2	< 0.2	0.56	1.2	0.4	0.4	0.4
Ammoniacal Nitrogen as N	< 0.03	2.15	0.04	0.13	2.09			0.1	< 0.03	0.25
Ammonia Free As N										
Sodium	13.8	55.9	12.9	34.5	48.4			34	29.5	19.1
Sulphate	78.5	34.1	83.1	103.9	30.7			90.8	143.7	23.8
Sulphide										
Turbidity	166	5900.0	2910.0	1710.0	208			98.5	3.3	40100.0
suspended solids at 105°c	195	8139	2654	1242	226	8	< 5	12	< 10	37789
Chemical Oxygen Demand	< 7	< 7	23	23	19	< 10	< 10	< 7	8	27
Biological Oxygen Demand	< 1	< 1	< 1	< 1	12			< 1	< 1	< 1
Aluminum	< 0.02	< 0.02	< 0.02	0.187	< 0.02			< 0.02	< 0.02	< 0.02
Antimony										
Arsenic	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0083	< 0.0009	< 0.0009	< 0.0025	< 0.0025	< 0.0025
Barium	0.091	0.106	0.08	0.029	0.106			0.042	0.032	0.104
Boron	0.04	0.737	36	63	675			0.09	0.129	0.036
Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00003	< 0.00003	< 0.0005	< 0.0005	< 0.0005
Chromium, Hexavalent (Cr6+)										
Chromium	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.00005	< 0.00005	< 0.0015	< 0.0015	< 0.0015
Cobalt	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002
Copper	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.001	< 0.001	< 0.007	< 0.007	< 0.007
Iron	< 0.02	< 0.02	< 0.02	0.519	1.535			6.477	< 0.02	< 0.02
Lead	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0004	< 0.0004	< 0.005	< 0.005	< 0.005
Magnesium	14.3	26.5	13.3	20.6	24.3			26.8	28.6	14.5
Manganese	0.092	1.003	0.156	0.056	0.601			0.382	0.195	0.312
Mercury	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.00001	< 0.00001	< 0.001	< 0.001	< 0.001
Molybdenum										
Nickel	< 0.002	0.008	< 0.002	< 0.002	0.002	< 0.001	0.0048	< 0.002	0.002	0.002
Potassium	7.3	6.3	7	3	6.2			2	3.3	1.5
Selenium	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	0.0016	< 0.001	< 0.003	< 0.003	< 0.003
Vanadium										
Zinc	0.004	< 0.003	0.004	0.01	< 0.003	0.0056	0.008	< 0.003	0.003	< 0.003
Aliphatic TPH >C5-C6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aliphatic TPH >C6-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aliphatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aliphatic TPH >C10-C12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Aliphatic TPH >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aliphatic TPH >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aliphatic TPH >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aliphatic TPH >C35-C44										
Total Aliphatic Hydrocarbons	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aromatic TPH >C5-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aromatic TPH >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aromatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aromatic TPH >C10-C12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Aromatic TPH >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aromatic TPH >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aromatic TPH >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Aromatic TPH >C35-C44										
Total Aromatic Hydrocarbons	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Total Petroleum Hydrocarbons	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01
Mineral Oil	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01
Acenaphthene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
Acenaphthylene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Benzo[a]anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Benzo[a]pyrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
Benzo[b]fluoranthene										
benzo(b,k)fluoranthene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
Benzo[g,h,i]perylene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Benzo[k]fluoranthene										
Chrysene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Dibenz(a,h)Anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Fluoranthene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Fluorene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Indeno(1,2,3-c,d)Pyrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
Naphthalene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
Phenanthrene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Pyrene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005
Benzene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.003	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005
Toluene	< 0.005	0.003	< 0.005	< 0.005	< 0.005	< 0.001	< 0.001	< 0.005	< 0.005	< 0.005
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
1,1,2,2-Tetrachloroethane	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004			< 0.004	< 0.004	< 0.004
1,1,1-Trichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
1,1-Dichloroethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
1,1-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
1,1-Dichloropropene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003			< 0.003	< 0.003	< 0.003
1,2,3-Trichlorobenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
1,2,3-Trichloropropane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
1,2,4-Trichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
1,2-Dibromo-3-Chloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
1,2-Dibromoethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
1,2-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
1,3,5-Trimethylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
1,3-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001
2-Chlorotoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
4-Chlorotoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
4-Isopropyltoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Bromobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Bromochloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Bromodichloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Bromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Chloroethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Chloromethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
cis 1,2-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
cis-1,3-Dichloropropene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Dibromochloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Dibromomethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Dichlorodifluoromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Dichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005
Isopropylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Methyl Tert-Butyl Ether	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001
N-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
N-Propylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Sec-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Styrene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Tert-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Tetrachloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Tetrachloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			< 0.002	< 0.002	< 0.002
Trans 1,2-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Trans-1,3-Dichloropropene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Tribromomethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Trichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Trichlorofluoromethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.003	< 0.003	< 0.003
Trichloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002
Vinyl Chloride	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001

Analyte	GLASNEVIN STATION 14/01/2021 GBH01-D	GLASNEVIN STATION 14/01/2021 GBH01-S	GLASNEVIN STATION 14/01/2021 GBH02-D	GLASNEVIN STATION 14/01/2021 GBH02-S	GLASNEVIN STATION 14/01/2021 GBH04-D	GLASNEVIN STATION 14/01/2021 GBH04-S	GLASNEVIN STATION 14/01/2021 GBH13	GLASNEVIN STATION 16/03/2021 NBH19A	GLASNEVIN STATION 16/03/2021 NBH19W	GLASNEVIN STATION 16/03/2021 NBH20-S
Total Alkalinity as CaCO3	290	260	280	270	290	280	280	382	312	466
Hardness,Calcium as CaCO3	200	160	120	130	170	250	98			
Redox	5.8	0	22	5.1	33	37	35	193.11	204.9	234.67
Total Organic Carbon	< 2.0	< 2.0	< 2.0	< 2.0	6.3	5.4	2.6			
Total Dissolved Solids	650	580	440	470	550	720	400	658	491	356
Cyanide (Total)	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050			
Calcium	130	110	82	84	110	180	65	149	97.1	76.4
Chloride	82	71	41	36	41	36	32	25.7	40.3	27
Fluoride	0.4	0.4	0.32	0.51	0.31	0.36	0.32	< 0.3	< 0.3	0.5
Phosphorus	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.005	< 0.005	0.006
Nitrite	< 0.020	< 0.020	< 0.020	< 0.020	0.039	< 0.020	< 0.020	< 0.02	< 0.02	< 0.02
Nitrate	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.2	< 0.2	0.2
Ammoniacal Nitrogen as N	0.53	1.3	0.27	0.54	0.84	0.44	0.3	< 0.03	0.12	0.15
Ammonia Free As N	< 0.050	0.11	< 0.050	< 0.050	0.06	< 0.050	< 0.050			
Sodium	65	62	42	40	62	73	53	30.5	33.7	20.2
Sulphate	180	150	52	57	230	53	40	134.1	89.9	31.9
Sulphide	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050			
Turbidity	720	11	1100	370	1100	1100	1100	8.9	64.8	2050.0
suspended solids at 105°c	680	< 5.0	730	280	7900	17000	4200	< 10	< 10	1648
Chemical Oxygen Demand	37	35	31	34	34	33	32	< 7	< 7	15
Biological Oxygen Demand	< 4.0	6	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 1	< 1	< 1
Aluminum	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.02	< 0.02
Antimony	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0011	0.0016	< 0.0010			
Arsenic	0.0017	0.0019	0.001	0.0025	0.0031	< 0.0010	< 0.0010	< 0.0025	< 0.0025	< 0.0025
Barium	0.079	0.058	0.068	0.086	0.11	0.09	0.059	0.029	0.035	0.098
Boron	0.072	0.059	0.11	0.097	0.097	0.074	0.049	116	77	30
Cadmium	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	0.00019	< 0.000080	< 0.0005	< 0.0005	< 0.0005
Chromium, Hexavalent (Cr6+)										
Chromium	0.0032	0.0018	0.0021	0.0041	0.0041	0.0018	0.0054	< 0.0015	< 0.0015	0.0022
Cobalt	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.002	0.0036	< 0.0010	< 0.002	< 0.002	< 0.002
Copper	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0012	0.0014	0.0017	< 0.007	< 0.007	< 0.007
Iron	0.48	0.29	0.35	0.39	0.42	0.65	0.2	< 0.02	4.19	< 0.02
Lead	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.005	< 0.005
Magnesium	42	31	23	26	35	44	20	29.9	25.6	15.3
Manganese	0.92	0.57	0.12	0.51	0.37	2	0.24	0.268	0.307	0.304
Mercury	0.00059	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.001	< 0.001
Molybdenum	0.0053	0.0057	0.0037	0.0072	0.015	0.011	0.0088			
Nickel	0.0014	0.0024	0.0022	< 0.0010	0.013	0.015	0.0028	< 0.002	< 0.002	< 0.002
Potassium	3.6	5.2	5.1	3.5	6.5	4.6	3.3	3.4	1.9	1.4
Selenium	0.0018	< 0.0010	0.0025	0.0018	0.0048	0.0079	0.0043	< 0.003	< 0.003	< 0.003
Vanadium	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010			
Zinc	0.0098	0.0055	0.005	0.0057	0.011	0.015	0.0029	< 0.003	< 0.003	< 0.003
Aliphatic TPH >C5-C6	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C6-C8	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C8-C10	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C10-C12	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.005	< 0.005	< 0.005
Aliphatic TPH >C12-C16	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C16-C21	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C21-C35	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C35-C44	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010			
Total Aliphatic Hydrocarbons	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.01	< 0.01	< 0.01
Aromatic TPH >C5-C7	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aromatic TPH >C7-C8	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aromatic TPH >C8-C10	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aromatic TPH >C10-C12	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.005	< 0.005	< 0.005
Aromatic TPH >C12-C16	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aromatic TPH >C16-C21	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aromatic TPH >C21-C35	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.01	< 0.01
Aromatic TPH >C35-C44	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010			
Total Aromatic Hydrocarbons	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.01	< 0.01	< 0.01
Total Petroleum Hydrocarbons	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Mineral Oil	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Acenaphthene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.001	< 0.001
Acenaphthylene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Anthracene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Benzo[a]anthracene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Benzo[a]pyrene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.001	< 0.001
Benzo[b]fluoranthene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050			
benzo(b,k)fluoranthene								< 0.001	< 0.001	< 0.001
Benzo[g,h,i]perylene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Benzo[k]fluoranthene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050			
Chrysene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Dibenz(a,h)Anthracene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Fluoranthene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Fluorene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Indeno(1,2,3-c,d)Pyrene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.001	< 0.001
Naphthalene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.001	< 0.001
Phenanthrene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Pyrene	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.0005	< 0.0005
Benzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0005	< 0.0005	< 0.0005
Toluene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.005	< 0.005
Ethylbenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
o-Xylene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.002	< 0.002
1,1,2,2-Tetrachloroethane								< 0.004	< 0.004	< 0.004
1,1,1-Trichloroethane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.002	< 0.002	< 0.002
1,1-Dichloroethane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
1,1-Dichloroethene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
1,1-Dichloropropene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
1,2,3-Trichlorobenzene	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.003	< 0.003	< 0.003
1,2,3-Trichloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.003	< 0.003	< 0.003
1,2,4-Trichlorobenzene	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
1,2-Dibromo-3-Chloropropane	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.002	< 0.002	< 0.002
1,2-Dibromoethane	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.002	< 0.002	< 0.002
1,2-Dichlorobenzene	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
1,3,5-Trimethylbenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
1,3-Dichlorobenzene	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane								< 0.001	< 0.001	< 0.001
2-Chlorotoluene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
4-Chlorotoluene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
4-Isopropyltoluene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Bromobenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
Bromochloromethane	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.002	< 0.002	< 0.002
Bromodichloromethane	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.002	< 0.002	< 0.002
Bromomethane	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.001	< 0.001	< 0.001
Chlorobenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
Chloroethane	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.003	< 0.003	< 0.003
Chloromethane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
cis 1,2-Dichloroethene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
cis-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.002	< 0.002	< 0.002
Dibromochloromethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.002	< 0.002	< 0.002
Dibromomethane	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.003	< 0.003	< 0.003
Dichlorodifluoromethane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
Dichloromethane								< 0.005	< 0.005	< 0.005
Isopropylbenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Methyl Tert-Butyl Ether	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0001	< 0.0001	< 0.0001
N-Butylbenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
N-Propylbenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Sec-Butylbenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Styrene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
Tert-Butylbenzene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Tetrachloroethene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Tetrachloromethane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
Trans 1,2-Dichloroethene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Trans-1,3-Dichloropropene	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.002	< 0.002	< 0.002
Tribromomethane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
Trichloroethene	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Trichlorofluoromethane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.003	< 0.003
Trichloromethane	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.002	< 0.002
Vinyl Chloride	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0001	< 0.0001	< 0.0001

Analyte	GLASNEVIN STN <250 14/02/2018 BH02A	GLASNEVIN STN <250 08/01/2021 NBH18-S	GLASNEVIN STN <250 14/01/2021 GBH06	GLASNEVIN STN <250 14/01/2021 GBH09	GLASNEVIN STN <250 14/01/2021 GBH11	GLASNEVIN STN <250 16/03/2021 NBH18-S	GLASNEVIN STN <250 22/03/2021 GBH06	GLASNEVIN STN <250 22/03/2021 GBH09
Total Alkalinity as CaCO3		312	270	270	260	300	310	320
Hardness,Calcium as CaCO3			98	110	110		97	110
Redox		201.36	26	29	36	39.44	12	24
Total Organic Carbon			2.8	2.2	2.6			
Total Dissolved Solids	461	859	400	420	500	843	390	410
Cyanide (Total)			< 0.050	< 0.050	< 0.050			
Calcium	79.2	111.1	55	64	63	110.9	55	64
Chloride	40.5	148.9	33	36	29	131	35	36
Fluoride		0.5	0.95	0.39	0.35	0.5	1	0.45
Phosphorus		0.008	< 0.020	< 0.020	< 0.020	0.005	< 0.020	< 0.020
Nitrite		< 0.02	< 0.020	< 0.020	< 0.020	0.19	0.035	0.054
Nitrate	1.9	0.2	< 0.50	< 0.50	< 0.50	< 0.2	< 0.50	< 0.50
Ammoniacal Nitrogen as N	0.18	0.66	0.46	0.42	0.55	0.63		
Ammonia Free As N			0.06	< 0.050	0.097		0.053	< 0.050
Sodium	42.1	73.8	48	37	78	74.1	40	31
Sulphate		137.4	41	43	99	119.4	38	41
Sulphide			< 0.050	< 0.050	< 0.050			
Turbidity		82.3	1000	1100	1100	195	110	170
suspended solids at 105°c	2281	62	500	2600	1600	158	62	120
Chemical Oxygen Demand	7	13	40	34	36	< 7	< 10	< 10
Biological Oxygen Demand		< 1	< 4.0	11	< 4.0	2	< 4.0	5
Aluminum		< 0.02	< 0.01	0.012	< 0.01	< 0.02	< 0.01	< 0.01
Antimony	< 0.002		< 0.0010	< 0.0010	< 0.0010			
Arsenic	< 0.0009	< 0.0025	0.001	< 0.0010	0.0014	0.0026	0.00086	0.00056
Barium	0.0882	0.058	0.075	0.063	0.072	0.063	0.079	0.076
Boron		0.127	0.12	0.065	0.063	116	0.13	0.072
Cadmium	< 0.00003	< 0.0005	< 0.000080	< 0.000080	< 0.000080	< 0.0005	< 0.000080	< 0.000080
Chromium, Hexavalent (Cr6+)	< 0.001							
Chromium	0.0009	0.0018	0.0039	0.0032	0.0021	< 0.0015	0.0036	0.0067
Cobalt		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
Copper	< 0.001	< 0.007	< 0.0010	0.0014	< 0.0010	< 0.007	0.00084	0.001
Iron	0.2235	0.317	0.23	0.19	0.18	0.409	< 0.02	< 0.02
Lead	< 0.0004	< 0.005	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.0010	< 0.0010
Magnesium	20.1	41.4	26	29	27	41.4	26	28
Manganese	0.5944	1.005	0.35	0.29	0.74	1.09	0.31	0.25
Mercury	< 0.00001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Molybdenum	0.0033		0.0068	0.0063	0.0077			
Nickel	0.0036	< 0.002	0.0013	0.0017	0.0034	< 0.002	0.00079	0.00086
Potassium	5.3	3.1	3.4	3.6	5	3.3	2.9	3
Selenium	< 0.001	< 0.003	0.0016	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Vanadium			< 0.0010	< 0.0010	< 0.0010			
Zinc	0.042	0.003	0.0058	0.0057	0.0048	< 0.003	< 0.0010	0.0033
Aliphatic TPH >C5-C6		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aliphatic TPH >C6-C8		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aliphatic TPH >C8-C10		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aliphatic TPH >C10-C12		< 0.005	< 0.00010	< 0.00010	< 0.00010	< 0.005	< 0.00010	< 0.00010
Aliphatic TPH >C12-C16		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aliphatic TPH >C16-C21		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aliphatic TPH >C21-C35		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aliphatic TPH >C35-C44			< 0.00010	< 0.00010	< 0.00010		< 0.00010	< 0.00010
Total Aliphatic Hydrocarbons		< 0.01	< 0.0050	< 0.0050	< 0.0050	< 0.01	< 0.0050	< 0.0050
Aromatic TPH >C5-C7		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aromatic TPH >C7-C8		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aromatic TPH >C8-C10		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aromatic TPH >C10-C12		< 0.005	< 0.00010	< 0.00010	< 0.00010	< 0.005	< 0.00010	< 0.00010
Aromatic TPH >C12-C16		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aromatic TPH >C16-C21		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aromatic TPH >C21-C35		< 0.01	< 0.00010	< 0.00010	< 0.00010	< 0.01	< 0.00010	< 0.00010
Aromatic TPH >C35-C44			< 0.00010	< 0.00010	< 0.00010		< 0.00010	< 0.00010
Total Aromatic Hydrocarbons		< 0.01	< 0.0050	< 0.0050	< 0.0050	< 0.01	< 0.0050	< 0.0050
Total Petroleum Hydrocarbons		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Mineral Oil	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Acenaphthene		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Acenaphthylene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Anthracene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Benzo[a]anthracene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Benzo[a]pyrene		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Benzo[b]fluoranthene			< 0.00050	< 0.00050	< 0.00050		< 0.00050	< 0.00050
benzo(b,k)fluoranthene		< 0.001				< 0.001		
Benzo[g,h,i]perylene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Benzo[k]fluoranthene			< 0.00050	< 0.00050	< 0.00050		< 0.00050	< 0.00050
Chrysene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Dibenz(a,h)Anthracene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Fluoranthene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Fluorene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Indeno(1,2,3-c,d)Pyrene		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Naphthalene		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Phenanthrene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Pyrene		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Benzene	< 0.001	< 0.0005	< 0.0010	< 0.0010	< 0.0010	< 0.0005	< 0.0010	< 0.0010
Toluene	< 0.001	< 0.005	< 0.0010	< 0.0010	< 0.0010	< 0.005	< 0.0010	< 0.0010
Ethylbenzene	< 0.001	< 0.001	< 0.0010	< 0.0010	< 0.0010	< 0.001	< 0.0010	< 0.0010
m & p-Xylene		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
o-Xylene	< 0.001	< 0.001	< 0.0010	< 0.0010	< 0.0010	< 0.001	< 0.0010	< 0.0010
1,1,1,2-Tetrachloroethane		< 0.002	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.0020	< 0.0020
1,1,2,2-Tetrachloroethane		< 0.004				< 0.004		
1,1,1-Trichloroethane		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
1,1,2-Trichloroethane		< 0.002	< 0.01	< 0.01	< 0.01	< 0.002	< 0.01	< 0.01
1,1-Dichloroethane		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
1,1-Dichloroethene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
1,1-Dichloropropene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
1,2,3-Trichlorobenzene		< 0.003	< 0.0020	< 0.0020	< 0.0020	< 0.003	< 0.0020	< 0.0020
1,2,3-Trichloropropane		< 0.003	< 0.05	< 0.05	< 0.05	< 0.003	< 0.05	< 0.05
1,2,4-Trichlorobenzene		< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050
1,2,4-Trimethylbenzene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
1,2-Dibromo-3-Chloropropane		< 0.002	< 0.05	< 0.05	< 0.05	< 0.002	< 0.05	< 0.05
1,2-Dibromoethane		< 0.002	< 0.0050	< 0.0050	< 0.0050	< 0.002	< 0.0050	< 0.0050
1,2-Dichlorobenzene		< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050
1,2-Dichloroethane		< 0.002	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.0020	< 0.0020
1,2-Dichloropropane		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
1,3,5-Trimethylbenzene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
1,3-Dichlorobenzene		< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050
1,3-Dichloropropane		< 0.002	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.0020	< 0.0020
1,4-Dichlorobenzene		< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050
2,2-Dichloropropane		< 0.001				< 0.001		
2-Chlorotoluene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
4-Chlorotoluene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
4-Isopropyltoluene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Bromobenzene		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
Bromochloromethane		< 0.002	< 0.0050	< 0.0050	< 0.0050	< 0.002	< 0.0050	< 0.0050
Bromodichloromethane		< 0.002	< 0.0050	< 0.0050	< 0.0050	< 0.002	< 0.0050	< 0.0050
Bromomethane		< 0.001	< 0.0050	< 0.0050	< 0.0050	< 0.001	< 0.0050	< 0.0050
Chlorobenzene		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
Chloroethane		< 0.003	< 0.0020	< 0.0020	< 0.0020	< 0.003	< 0.0020	< 0.0020
Chloromethane		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
cis 1,2-Dichloroethene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
cis-1,3-Dichloropropene		< 0.002	< 0.01	< 0.01	< 0.01	< 0.002	< 0.01	< 0.01
Dibromochloromethane		< 0.002	< 0.01	< 0.01	< 0.01	< 0.002	< 0.01	< 0.01
Dibromomethane		< 0.003	< 0.01	< 0.01	< 0.01	< 0.003	< 0.01	< 0.01
Dichlorodifluoromethane		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
Dichloromethane		< 0.005				< 0.005		
Isopropylbenzene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Methyl Tert-Butyl Ether	< 0.01	< 0.0001	< 0.0010	< 0.0010	< 0.0010	< 0.0001	< 0.0010	< 0.0010
N-Butylbenzene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
N-Propylbenzene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Sec-Butylbenzene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Styrene		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
Tert-Butylbenzene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Tetrachloroethene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Tetrachloromethane		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
Trans 1,2-Dichloroethene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Trans-1,3-Dichloropropene		< 0.002	< 0.01	< 0.01	< 0.01	< 0.002	< 0.01	< 0.01
Tribromomethane		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
Trichloroethene		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Trichlorofluoromethane		< 0.003	< 0.0010	< 0.0010	< 0.0010	< 0.003	< 0.0010	< 0.0010
Trichloromethane		< 0.002	< 0.0010	< 0.0010	< 0.0010	< 0.002	< 0.0010	< 0.0010
Vinyl Chloride		< 0.0001	< 0.0010	< 0.0010	< 0.0010	< 0.0001	< 0.0010	< 0.0010

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 14/02/2018 - 24/03/2021

Works Area / Sample Date / Location				BALLYMUN STATION 06/01/2021 NBH203A-D	BALLYMUN STATION 06/01/2021 NBH203A-S	BALLYMUN STATION 12/03/2021 NBH203A-D	COLLINS AVE STATION 06/01/2021 NBH207-D	COLLINS AVE STATION 12/03/2021 NBH207-D	COLLINS AVE STN <250 07/01/2021 NBH102-S	COLLINS AVE STN <250 15/03/2021 NBH102-S	ALBERT COLLEGE PARK 09/02/2021 ABH30i	ALBERT COLLEGE PARK 23/03/2021 ABH30I	GRIFFITH PRK STATION 07/01/2021 NBH211	GRIFFITH PRK STATION 07/01/2021 NBH17	GRIFFITH PRK STATION 07/01/2021 NBH223-D	GRIFFITH PRK STATION 15/03/2021 NBH17
2,4-Dinitrotoluene	0.00024	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,6-Dinitrotoluene	0.000049	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chloronaphthalene	0.75	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Methylnaphthalene	0.036	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Nitroaniline	0.19	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
3-Nitroaniline			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Bromophenylphenyl Ether			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chloroaniline	0.00037	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Chlorophenylphenylether			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Nitroaniline	0.0038	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Azobenzene	0.00012	ROI DWS	mg/l													
Bis(2-Chloroethoxy)Methane	0.059	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Bis-(2-Chloroethyl)Ether	0.000014	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Bis(2-Chloroisopropyl)Ether			mg/l													
Bis(2-Ethylhexyl)Phthalate	0.008	ROI IGV	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Butylbenzyl Phthalate	0.0075	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Carbazole			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenzofuran	0.0079	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Diethyl Phthalate	0.2	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Dimethylphthalate	0.8	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Di-N-Butyl Phthalate	0.002	ROI IGV	mg/l	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Di-N-Octyl Phthalate	0.02	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorobenzene	0.00003	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorobutadiene	0.0001	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorocyclopentadiene	0.00041	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Hexachloroethane	0.00033	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Isophorone	0.078	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrobenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
N-Nitrosodimethylamine	0.0001	ROI DWS	mg/l													
N-Nitrosodi-N-propylamine	0.000011	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4,5-Trichlorophenol	1.2	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4,6-Trichlorophenol	0.2	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2,4-Dichlorophenol	0.0042	ROI EQS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2,4-Dimethylphenol	0.36	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorophenol	0.2	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Methylphenol	0.93	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
2-Nitrophenol			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4-Chloro-3-Methylphenol	0.04	ROI EQS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
4-Methylphenol	1.9	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
4-Nitrophenol			mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenol	0.008	ROI EQS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Pentachlorophenol	0.002	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Methyl-4,6-Dinitrophenol	0.0015	ROI DWS	mg/l													
PCB 118	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 77	0.0000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 81	0.000006	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 105	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 114	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 123	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 126	0.0000000012	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 156	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 157	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 167	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 169	0.000000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
PCB 189	0.000004	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001										
Total PCBs (12 Congeners)	0.00001	ROI IGV	mg/l	< 0.0012	< 0.0012	< 0.0012										
Guthion (Azinphos-methyl)	0.00001	ROI EQS	mg/l													
Coumaphos	0.00003	ROI EQS	mg/l													
Demeton-S			mg/l													
DISULFOTON	0.0001	ROI DWS	mg/l													
Fensulfothion			mg/l													
Fenthion	0.0001	ROI DWS	mg/l													
PHORATE	0.0001	ROI DWS	mg/l													
Sulprofos			mg/l													
Tbto	0.0000002	ROI EQS	mg/l													
Tokuthion			mg/l													
Trichloronate			mg/l													

Works Area / Sample Date / Location	GRIFFITH PRK STATION 15/03/2021 NBH211	GRIFFITH PRK STATION 15/03/2021 NBH223-S	GLASNEVIN STATION 09/07/2019 NBH19A	GLASNEVIN STATION 15/07/2019 NBH19A	GLASNEVIN STATION 08/01/2021 NBH19W	GLASNEVIN STATION 08/01/2021 NBH19A	GLASNEVIN STATION 08/01/2021 NBH20-S	GLASNEVIN STATION 14/01/2021 GBH01-D	GLASNEVIN STATION 14/01/2021 GBH01-S	GLASNEVIN STATION 14/01/2021 GBH02-D	GLASNEVIN STATION 14/01/2021 GBH02-S	GLASNEVIN STATION 14/01/2021 GBH04-D	GLASNEVIN STATION 14/01/2021 GBH04-S
2,4-Dinitrotoluene	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2,6-Dinitrotoluene	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2-Chloronaphthalene	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2-Methylnaphthalene	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2-Nitroaniline	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
3-Nitroaniline	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
4-Bromophenylphenyl Ether	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
4-Chloroaniline	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
4-Chlorophenylphenylether	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
4-Nitroaniline	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Azobenzene								< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Bis(2-Chloroethoxy)Methane	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Bis-(2-Chloroethyl)Ether	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Bis(2-Chloroisopropyl)Ether								< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Bis(2-Ethylhexyl)Phthalate	< 0.005	< 0.005			< 0.005	< 0.005	< 0.005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Butylbenzyl Phthalate	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Carbazole	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Dibenzofuran	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Diethyl Phthalate	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Dimethylphthalate	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Di-N-Butyl Phthalate	< 0.0015	< 0.0015			< 0.0015	< 0.0015	< 0.0015	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Di-N-Octyl Phthalate	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Hexachlorobenzene	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Hexachlorobutadiene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050
Hexachlorocyclopentadiene	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Hexachloroethane	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Isophorone	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Nitrobenzene	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
N-Nitrosodimethylamine								< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
N-Nitrosodi-N-propylamine	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2,4,5-Trichlorophenol	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2,4,6-Trichlorophenol	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2,4-Dichlorophenol	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2,4-Dimethylphenol	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2-Chlorophenol	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2-Methylphenol	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2-Nitrophenol	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
4-Chloro-3-Methylphenol	< 0.0005	< 0.0005			< 0.0005	< 0.0005	< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
4-Methylphenol	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
4-Nitrophenol	< 0.01	< 0.01			< 0.01	< 0.01	< 0.01	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Phenol	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Pentachlorophenol	< 0.001	< 0.001			< 0.001	< 0.001	< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
2-Methyl-4,6-Dinitrophenol								< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
PCB 118					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 77					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 81					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 105					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 114					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 123					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 126					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 156					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 157					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 167					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 169					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
PCB 189					< 0.0001	< 0.0001		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Total PCBs (12 Congeners)					< 0.0012	< 0.0012		< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010	< 0.000010
Guthion (Azinphos-methyl)			< 0.0002	< 0.0002									
Coumaphos			< 0.0002	< 0.0002									
Demeton-S			< 0.0002	< 0.0002									
DISULFOTON			< 0.0002	< 0.0002									
Fensulfothion			< 0.0002	< 0.0002									
Fenthion			< 0.0002	< 0.0002									
PHORATE			< 0.0002	< 0.0002									
Sulprofos			< 0.0002	< 0.0002									
Tbto			< 0.00005 < 0.000001	< 0.00005 < 0.000001									
Tokuthion			< 0.0002	< 0.0002									
Trichloronate			< 0.0002	< 0.0002									

Works Area / Sample Date / Location	GLASNEVIN STATION 14/01/2021 GBH13	GLASNEVIN STATION 16/03/2021 NBH19A	GLASNEVIN STATION 16/03/2021 NBH19W	GLASNEVIN STATION 16/03/2021 NBH20-S	GLASNEVIN STN <250 14/02/2018 BH02A	GLASNEVIN STN <250 08/01/2021 NBH18-S	GLASNEVIN STN <250 14/01/2021 GBH06	GLASNEVIN STN <250 14/01/2021 GBH09	GLASNEVIN STN <250 14/01/2021 GBH11	GLASNEVIN STN <250 16/03/2021 NBH18-S	GLASNEVIN STN <250 22/03/2021 GBH06	GLASNEVIN STN <250 22/03/2021 GBH09
2,4-Dinitrotoluene	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
2,6-Dinitrotoluene	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
2-Chloronaphthalene	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
2-Methylnaphthalene	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
2-Nitroaniline	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
3-Nitroaniline	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
4-Bromophenylphenyl Ether	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
4-Chloroaniline	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
4-Chlorophenylphenylether	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
4-Nitroaniline	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Azobenzene	< 0.00050						< 0.00050	< 0.00050	< 0.00050		< 0.00050	< 0.00050
Bis(2-Chloroethoxy)Methane	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Bis-(2-Chloroethyl)Ether	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Bis(2-Chloroisopropyl)Ether	< 0.00050						< 0.00050	< 0.00050	< 0.00050		< 0.00050	< 0.00050
Bis(2-Ethylhexyl)Phthalate	< 0.00050	< 0.005	< 0.005	< 0.005		< 0.005	< 0.00050	< 0.00050	< 0.00050	< 0.005	< 0.00050	< 0.00050
Butylbenzyl Phthalate	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Carbazole	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Dibenzofuran	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Diethyl Phthalate	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Dimethylphthalate	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Di-N-Butyl Phthalate	< 0.00050	< 0.0015	< 0.0015	< 0.0015		< 0.0015	< 0.00050	< 0.00050	< 0.00050	< 0.0015	< 0.00050	< 0.00050
Di-N-Octyl Phthalate	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Hexachlorobenzene	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Hexachlorobutadiene	< 0.0010 < 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.0010 < 0.00050	< 0.001	< 0.0010 < 0.00050	< 0.0010 < 0.00050
Hexachlorocyclopentadiene	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Hexachloroethane	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Isophorone	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
Nitrobenzene	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
N-Nitrosodimethylamine	< 0.00050						< 0.00050	< 0.00050	< 0.00050		< 0.00050	< 0.00050
N-Nitrosodi-N-propylamine	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
2,4,5-Trichlorophenol	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
2,4,6-Trichlorophenol	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
2,4-Dichlorophenol	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
2,4-Dimethylphenol	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
2-Chlorophenol	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
2-Methylphenol	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
2-Nitrophenol	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
4-Chloro-3-Methylphenol	< 0.00050	< 0.0005	< 0.0005	< 0.0005		< 0.0005	< 0.00050	< 0.00050	< 0.00050	< 0.0005	< 0.00050	< 0.00050
4-Methylphenol	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
4-Nitrophenol	< 0.00050	< 0.01	< 0.01	< 0.01		< 0.01	< 0.00050	< 0.00050	< 0.00050	< 0.01	< 0.00050	< 0.00050
Phenol	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
Pentachlorophenol	< 0.00050	< 0.001	< 0.001	< 0.001		< 0.001	< 0.00050	< 0.00050	< 0.00050	< 0.001	< 0.00050	< 0.00050
2-Methyl-4,6-Dinitrophenol	< 0.00050						< 0.00050	< 0.00050	< 0.00050		< 0.00050	< 0.00050
PCB 118	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 77	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 81	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 105	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 114	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 123	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 126	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 156	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 157	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 167	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 169	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
PCB 189	< 0.000010	< 0.0001	< 0.0001				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
Total PCBs (12 Congeners)	< 0.000010	< 0.0012	< 0.0012				< 0.000010	< 0.000010	< 0.000010		< 0.000010	< 0.000010
Guthion (Azinphos-methyl)												
Coumaphos												
Demeton-S												
DISULFOTON												
Fensulfothion												
Fenthion												
PHORATE												
Sulprofos												
Tbto												
Tokuthion												
Trichloronate												

JACOBS
IDOM

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 14/02/2018 - 24/03/2021

Analyte	Controlled Waters GAC	Source	Units	MATER STATION 11/01/2021 NBH21-S	MATER STATION 11/01/2021 NBH215-S	MATER STATION 12/01/2021 NBH216A-D	MATER STATION 12/01/2021 NBH216A-S	MATER STATION 18/03/2021 NBH216A-D	MATER STATION 18/03/2021 NBH216A-S	MATER STATION 18/03/2021 NBH21-S	MATER STATION 18/03/2021 NBH215-D	O'CONNELL ST <250 22/07/2019 NBH23	O'CONNELL ST <250 01/08/2019 NBH23	O'CONNELL ST STATION 22/07/2019 NBH23A
Total Alkalinity as CaCO3			mg/l	470	330	9240	19660	20280	3548	1062	884			
Hardness,Calcium as CaCO3	200	ROI IGV	mg/l											
Redox			mV	160.05	90.55	201.32	188.11	175	183.43	130.9	187.55			
Total Organic Carbon			mg/l											
Total Dissolved Solids	1000	ROI IGV	mg/l	629	395	506	752	502	787	672	481	470	1400	470
Cyanide (Total)	0.1	ROI IGV	mg/l											
Calcium	200	ROI IGV	mg/l	109.7	55.9	98.4	140.3	85.8	125.8	107.3	75			
Chloride	30	ROI IGV	mg/l	60.1	57	43.2	54.6	44.4	54.4	58.1	114.7	23	520	4.2
Fluoride	1	ROI IGV	mg/l	0.3	0.3	0.4	0.4	0.4	0.3	0.3	< 0.3			
Phosphorus	0.035	ROI DWS	mg/l	0.01	0.01	0.005	0.009	0.006	0.009	0.006	0.013			
Nitrite	0.1	ROI IGV	mg/l	0.09	0.03	0.02	< 0.02	< 0.02	< 0.02	0.25	0.03			
Nitrate	25	ROI IGV	mg/l	< 0.2	< 0.2	< 0.2	< 0.2	0.3	< 0.2	0.3	0.4	2.9	4	2.1
Ammoniacal Nitrogen as N	0.175	ROI DWS	mg/l	0.62	2.34	0.18	0.08	0.2	0.1	0.66	0.85			
Ammonia Free As N	0.3	ROI EQS	mg/l											
Sodium	150	ROI IGV	mg/l	40.3	35.2	42.3	35	39.3	33.7	40.4	62.4			
Sulphate	200	ROI IGV	mg/l	125.9	21.3	79	194.9	81.8	190.2	123	80.6			
Sulphide			mg/l											
Turbidity			NTU	1470.0	222	47900.0	239000.0	77800.0	28750.0	5980.0	658			
suspended solids at 105°c			mg/l	1288	442	33143	98950	56660	19940	20	1804	46	< 5	59
Chemical Oxygen Demand			mg O2/l	17	79	92	37	55	28	35	36	< 10	< 10	< 10
Biological Oxygen Demand	4	ROI EQS	mg O2/l	< 1	13	< 1	< 1	< 1	< 1	< 1	3			
Aluminum	0.2	ROI IGV	mg/l	< 0.02	< 0.02	< 0.02	< 0.02	0.059	< 0.02	< 0.02	< 0.02			
Antimony	0.005	ROI DWS	mg/l											
Arsenic	0.01	ROI IGV	mg/l	0.0037	0.0028	0.0113	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0031	< 0.0009	0.0016	< 0.0009
Barium	0.1	ROI IGV	mg/l	0.086	0.068	0.057	0.063	0.054	0.07	0.088	0.055			
Boron	1	ROI IGV	mg/l	0.118	0.177	0.073	0.037	79	53	103	92			
Cadmium	0.005	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00003	0.00018	< 0.00003
Chromium, Hexavalent (Cr6+)	0.0034	ROI EQS	mg/l											
Chromium	0.03	ROI IGV	mg/l	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0016	< 0.00005	0.0052	< 0.00005
Cobalt	0.003	ROI EQS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
Copper	0.03	ROI IGV	mg/l	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	0.0026	0.002	0.0011
Iron	0.2	ROI IGV	mg/l	< 0.02	0.147	< 0.02	< 0.02	0.055	0.022	< 0.02	0.535			
Lead	0.01	ROI IGV	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0004	< 0.0004	< 0.0004
Magnesium	50	ROI IGV	mg/l	36	14.1	25.7	36.4	24.7	35.9	36.6	7.8			
Manganese	0.05	ROI IGV	mg/l	1.042	0.825	0.307	0.072	0.339	0.003	1.03	0.378			
Mercury	0.001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.00081	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l											
Nickel	0.02	ROI IGV	mg/l	< 0.002	0.008	0.007	0.005	0.008	< 0.002	< 0.002	< 0.002	0.0067	0.0013	< 0.001
Potassium	5	ROI IGV	mg/l	2.3	4.6	2.2	2.6	1.9	2.6	2.3	4.5			
Selenium	0.01	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	0.011	0.0076	0.002
Vanadium	0.02	ROI EQS	mg/l											
Zinc	0.1	ROI IGV	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	0.003	< 0.003	< 0.003	0.005	0.012	0.0033	0.0025
Aliphatic TPH >C5-C6	15	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aliphatic TPH >C6-C8			mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aliphatic TPH >C8-C10	0.3	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aliphatic TPH >C10-C12	0.3	ROI DWS	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.014			
Aliphatic TPH >C12-C16	0.3	ROI DWS	mg/l	< 0.01	0.13	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.32			
Aliphatic TPH >C16-C21	0.3	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aliphatic TPH >C21-C35	0.3	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aliphatic TPH >C35-C44	0.3	ROI DWS	mg/l											
Total Aliphatic Hydrocarbons			mg/l	< 0.01	0.13	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.334			
Aromatic TPH >C5-C7	0.001	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aromatic TPH >C7-C8	0.01	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aromatic TPH >C8-C10	0.3	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aromatic TPH >C10-C12	0.09	ROI DWS	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
Aromatic TPH >C12-C16	0.09	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aromatic TPH >C16-C21	0.09	ROI DWS	mg/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Aromatic TPH >C21-C35	0.09	ROI DWS	mg/l	< 0.01	< 0.01	0.14	0.14	< 0.01	< 0.01	< 0.01	< 0.01			
Aromatic TPH >C35-C44	0.09	ROI DWS	mg/l											
Total Aromatic Hydrocarbons			mg/l	< 0.01	< 0.01	0.14	0.14	< 0.01	< 0.01	< 0.01	< 0.01			
Total Petroleum Hydrocarbons	0.01	ROI IGV	mg/l	< 0.01	0.13	0.14	0.14	< 0.01	< 0.01	< 0.01	0.334			
Mineral Oil	60	ROI DWS	mg/l	< 0.01	0.13	< 0.01	< 0.01							
Acenaphthene			mg/l	< 0.001	< 0.001	< 0.001	0.003	< 0.001	< 0.001	< 0.001	< 0.001			
Acenaphthylene			mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Anthracene	10	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	0.0039	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Benzo[a]anthracene			mg/l	< 0.0005	< 0.0005	< 0.0005	0.0055	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Benzo[a]pyrene	0.00001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	0.004	< 0.001	< 0.001	< 0.001	< 0.001			
Benzo[b]fluoranthene	0.0005	ROI IGV	mg/l											
benzo(b,k)fluoranthene			mg/l	< 0.001	< 0.001	< 0.001	0.008	< 0.001	< 0.001	< 0.001	< 0.001			
Benzo[g,h,i]perylene	0.00005	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	0.0027	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Benzo[k]fluoranthene	0.00005	ROI IGV	mg/l											
Chrysene			mg/l	< 0.0005	< 0.0005	< 0.0005	0.0047	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Dibenz(a,h)Anthracene			mg/l	< 0.0005	< 0.0005	< 0.0005	0.0011	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Fluoranthene	0.001	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	0.0137	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Fluorene			mg/l	< 0.0005	< 0.0005	< 0.0005	0.0032	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Indeno(1,2,3-c,d)Pyrene	0.00005	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	0.002	< 0.001	< 0.001	< 0.001	< 0.001			
Naphthalene	0.001	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Phenanthrene			mg/l	< 0.0005	< 0.0005	< 0.0005	0.0121	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Pyrene			mg/l	< 0.0005	< 0.0005	< 0.0005	0.0114	< 0.0005	< 0.0005	< 0.0005	< 0.0005			
Benzene	0.001	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.001
Toluene	0.01	ROI IGV	mg/l	< 0.005	0.0027	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.001	< 0.001	< 0.001
Ethylbenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
o-Xylene	0.01	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	0.00057	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
1,1,2,2-Tetrachloroethane	0.000076	ROI DWS	mg/l	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004			
1,1,1-Trichloroethane	0.5	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
1,1,2-Trichloroethane	0.00028	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
1,1-Dichloroethane	0.0028	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
1,1-Dichloroethene	0.009	ROI EQS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
1,1-Dichloropropene			mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003			
1,2,3-Trichlorobenzene	0.0001	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
1,2,3-Trichloropropane	0.00000075	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
1,2,4-Trichlorobenzene	0.0004	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	0.056	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
1,2-Dibromo-3-Chloropropane	0.001	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
1,2-Dibromoethane	0.0004	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
1,2-Dichlorobenzene	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	0.003	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
1,2-Dichloropropane	0.04	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
1,3,5-Trimethylbenzene	0.06	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
1,3-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	0.37	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
1,4-Dichlorobenzene			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane			mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
2-Chlorotoluene	0.24	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
4-Chlorotoluene	0.25	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
4-Isopropyltoluene			mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Bromobenzene	0.062	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Bromochloromethane	0.083	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Bromodichloromethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Bromomethane	0.0075	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	0.001	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Chloroethane	21	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Chloromethane	0.19	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
cis 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
cis-1,3-Dichloropropene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Dibromochloromethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Dibromomethane	0.0083	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Dichlorodifluoromethane	0.2	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Dichloromethane	0.015	ROI DWS	mg/l	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			
Isopropylbenzene	0.45	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Methyl Tert-Butyl Ether	0.03	ROI IGV	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.001
N-Butylbenzene	1	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
N-Propylbenzene	0.66	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Sec-Butylbenzene	2	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Styrene	0.02	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Tert-Butylbenzene	0.69	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Tetrachloroethene	0.04	ROI IGV	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Tetrachloromethane	0.002	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002			
Trans 1,2-Dichloroethene	0.000375	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Trans-1,3-Dichloropropene			mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Tribromomethane	0.1	ROI DWS	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Trichloroethene	0.01	ROI IGV	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Trichlorofluoromethane	5.2	ROI DWS	mg/l	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.001	< 0.001	< 0.001
Trichloromethane	0.012	ROI IGV	mg/l	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001
Vinyl Chloride	0.0005	ROI DWS	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.001

Analyte	O'CONNELL ST STATION 12/01/2021 NBH23A	O'CONNELL ST STATION 12/01/2021 NBH23W	O'CONNELL ST STATION 12/01/2021 NBH24-S	O'CONNELL ST STATION 09/02/2021 NBH22-S	O'CONNELL ST STATION 19/03/2021 NBH22-S	O'CONNELL ST STATION 19/03/2021 NBH23A	O'CONNELL ST STATION 19/03/2021 NBH23W	O'CONNELL ST STATION 19/03/2021 NBH24-S	TARA STATION 13/01/2021 NBH25-S	TARA STATION 13/01/2021 NBH26CA	TARA STATION 13/01/2021 NBH26CW	TARA STATION 13/01/2021 NBH64
Total Alkalinity as CaCO3	192	98	92	530	248	160	80	100	57400	330	308	578
Hardness,Calcium as CaCO3												
Redox	109.43	84.84	85.18	88.32	271.79	246.15	240.83	218.09	215.99	154.99	100.79	165.61
Total Organic Carbon												
Total Dissolved Solids	395	166	245	599	579	311	147	252	16372	17152	19328	754
Cyanide (Total)												
Calcium	88.2	45.4	53.2	127.4	117.7	70.2	38	54.3	378.8	405.6	381.1	209.2
Chloride	37.6	13.6	15.7	42.9	38.7	29.6	12.3	17.4	8307.8	9141.8	9853.4	14.9
Fluoride	0.5	0.7	0.6	< 0.3	< 0.3	0.5	0.8	0.5	0.6	< 0.3	< 0.3	< 0.3
Phosphorus	0.008	0.014	0.215	< 0.005	< 0.005	< 0.005	0.01	0.205	0.01	1.346	1.08	0.108
Nitrite	0.03	< 0.02	< 0.02	0.16	0.15	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.04
Nitrate	14.4	5.8	24.8	12.4	13.1	7.6	4.3	24.1	< 0.2	< 0.2	< 0.2	14.7
Ammoniacal Nitrogen as N	< 0.03	0.07	< 0.03	0.05	< 0.03	< 0.03	< 0.03	< 0.03	5.99	9.09	8.78	0.05
Ammonia Free As N												
Sodium	33.9	13.3	11.4	37.4	34.8	23.4	8.9	11	5968.2	4464.3	4930.7	12.8
Sulphate	85.3	33.9	53.2	184.3	158.8	70.6	26.8	52.3	1267.7	1359.3	1438.2	86.8
Sulphide												
Turbidity	30.8	2.2	2.4	2160.0	18.6	14.7	1	14.6	492500.0	31.3	25.5	3940.0
suspended solids at 105°c	20	< 10	< 10	1914	10	< 10	< 10	< 10	174198	37	28	4026
Chemical Oxygen Demand	9	11	12	12	< 7	< 7	< 7	< 7	203	783	323	14
Biological Oxygen Demand	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1
Aluminum	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Antimony												
Arsenic	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0026	< 0.0025	0.0033	0.0083
Barium	0.025	0.004	0.013	0.056	0.042	0.021	< 0.003	0.012	0.08	0.236	0.203	0.043
Boron	0.066	0.024	0.035	110	119	46	13	38	1.383	1.565	1.763	0.151
Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Chromium, Hexavalent (Cr6+)												
Chromium	0.0016	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Cobalt	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.016	< 0.002	< 0.002	< 0.002
Copper	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007
Iron	< 0.02	< 0.02	< 0.02	< 0.02	0.022	< 0.02	< 0.02	0.021	< 0.02	2.248	1.927	< 0.02
Lead	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Magnesium	7.1	2.5	3	16.9	15.9	6.1	2.1	3.2	760.6	561.7	591.2	15.5
Manganese	0.112	< 0.002	0.003	0.969	0.799	0.003	< 0.002	0.004	1.133	0.884	0.869	0.03
Mercury	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Molybdenum												
Nickel	< 0.002	< 0.002	< 0.002	0.005	< 0.002	< 0.002	< 0.002	< 0.002	0.048	< 0.002	< 0.002	0.003
Potassium	8.6	3.6	4.7	14.1	13.4	7.9	2.9	5.3	162.2	180.4	186.1	22.3
Selenium	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Vanadium												
Zinc	< 0.003	< 0.003	< 0.003	< 0.003	0.005	0.004	< 0.003	< 0.003	0.01	< 0.003	< 0.003	< 0.003
Aliphatic TPH >C5-C6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C6-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.011	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C10-C12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Aliphatic TPH >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic TPH >C35-C44												
Total Aliphatic Hydrocarbons	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.011	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C5-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C10-C12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Aromatic TPH >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C21-C35	< 0.01	< 0.01	0.14	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic TPH >C35-C44												
Total Aromatic Hydrocarbons	< 0.01	< 0.01	0.14	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Total Petroleum Hydrocarbons	< 0.01	< 0.01	0.14	< 0.01	< 0.01	< 0.01	< 0.01	0.011	< 0.01	< 0.01	< 0.01	< 0.01
Mineral Oil	< 0.01	< 0.01	< 0.01						< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Acenaphthylene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[a]anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[a]pyrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Benzo[b]fluoranthene												
benzo(b,k)fluoranthene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Benzo[g,h,i]perylene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzo[k]fluoranthene												
Chrysene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Dibenz(a,h)Anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Fluoranthene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Fluorene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Indeno(1,2,3-c,d)Pyrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Naphthalene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Phenanthrene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Pyrene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Benzene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Toluene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2,2-Tetrachloroethane	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
1,1,1-Trichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1,2-Trichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,1-Dichloroethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,1-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,1-Dichloropropene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,3-Trichlorobenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,3-Trichloropropane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2,4-Trichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,2-Dibromo-3-Chloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dibromoethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,2-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,3,5-Trimethylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
1,3-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2-Chlorotoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
4-Chlorotoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
4-Isopropyltoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Bromobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromochloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromodichloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Bromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chloroethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Chloromethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
cis 1,2-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
cis-1,3-Dichloropropene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromochloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dibromomethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Dichlorodifluoromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Dichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Isopropylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Methyl Tert-Butyl Ether	< 0.0001	< 0.0001	< 0.0001	0.0007	0.0007	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
N-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
N-Propylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Sec-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Styrene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Tert-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Tetrachloroethene	< 0.003	< 0.003	0.041	< 0.003	< 0.003	< 0.003	< 0.003	0.03	< 0.003	< 0.003	< 0.003	< 0.003
Tetrachloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trans 1,2-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Trans-1,3-Dichloropropene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Tribromomethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Trichloroethene	0.005	< 0.003	0.005	< 0.003	< 0.003	0.004	< 0.003	0.004	< 0.003	< 0.003	< 0.003	< 0.003
Trichlorofluoromethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003
Trichloromethane	< 0.002	0.008	0.01	< 0.002	< 0.002	< 0.002	0.008	0.011	< 0.002	< 0.002	< 0.002	< 0.002
Vinyl Chloride	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001

Analyte	TARA STATION 11/03/2021 NBH25-S	TARA STATION 11/03/2021 NBH26CA	TARA STATION 11/03/2021 NBH26CW	TARA STATION 11/03/2021 NBH64	ST STEPHEN'S GREEN 18/01/2021 NBH219B-D	ST STEPHEN'S GREEN 18/01/2021 NBH219B-S	ST STEPHEN'S GREEN 24/03/2021 NBH219B-S	ST STEPHEN'S GREEN 24/03/2021 NBH219B-D	ST STEPHEN'S GREEN ABH53	ST STEPHEN'S GREEN ABH53	ST STEPHEN'S GREEN ABH53	CHARLEMONT STATION 16/04/2019 NBH30W	CHARLEMONT STATION 17/05/2019 NBH30W	CHARLEMONT STATION 18/01/2021 NBH31	CHARLEMONT STATION 24/03/2021 NBH31
Total Alkalinity as CaCO3	47640	342	334	674	938	260	228	346	330	320	420			440	328
Hardness,Calcium as CaCO3															
Redox	158.49	168.74	85.27	197.32	164.47	99.66	244.71	261.83						131.19	257.4
Total Organic Carbon															
Total Dissolved Solids	20114	13512	15102	711	641	328	378	613	640	600	600	480	500	542	560
Cyanide (Total)															
Calcium	434.4	301.1	404.3	187.7	125.2	78.3	86.3	118.9	120	130	120			97	96
Chloride	11078.5	7193.2	7851.5	19.7	54.4	18.1	20.3	49.2	250	64	57	51	55	43.4	42.5
Fluoride	0.6	< 0.3	< 0.3	< 0.3	0.3	0.3	0.3	< 0.3						0.7	0.7
Phosphorus	0.009	1.199	0.374	0.084	< 0.005	< 0.005	< 0.005	0.005						< 0.005	0.007
Nitrite	< 0.02	0.04	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02						0.05	0.23
Nitrate	< 0.2	< 0.2	< 0.2	10.9	< 0.2	< 0.2	< 0.2	< 0.2	14	< 0.5	0.63	1.2	< 0.2	< 0.2	< 0.2
Ammoniacal Nitrogen as N	6.1	11.47	7.4	0.08	0.17	0.16	0.13	0.15	0.3	0.17	1.2			0.2	0.2
Ammonia Free As N															
Sodium	6108.5	3954.4	4078.3	12.5	37.6	18.6	20.4	35	33	31	29			40.6	39.4
Sulphate	1558.3	1001	1064.4	92.9	157.1	69.1	80.6	144.6	120	150	140			117.1	106.7
Sulphide															
Turbidity	172750.0	19.1	167	4650.0	3590	334	33.1	526						1770	567
suspended solids at 105°c	116676	30	187	6004	2696	268	26	298				63	< 5	1114	271
Chemical Oxygen Demand	415	201	224	18	25	< 7	< 7	9	< 10	< 10	< 10	14	< 10	27	17
Biological Oxygen Demand	2	2	< 1	< 1	< 1	< 1	< 1	< 1	3.4	< 1	< 1			< 1	< 1
Aluminum	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02						< 0.02	< 0.02
Antimony									< 0.0005	< 0.0005	< 0.0005				
Arsenic	0.0043	< 0.0025	0.0027	0.0099	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.00037	0.00026	0.00035	0.001	< 0.0009	< 0.0025	< 0.0025
Barium	0.117	0.101	0.214	0.035	0.03	0.052	0.046	0.03	0.048	0.043	0.03			0.057	0.047
Boron	1780	1498	1398	142	0.075	0.068	58	72						0.09	86
Cadmium	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00011	< 0.00011	< 0.00011	0.00011	< 0.00003	< 0.0005	< 0.0005
Chromium, Hexavalent (Cr6+)									< 0.0001	< 0.0001	< 0.0001				
Chromium	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015				< 0.00005	< 0.00005	< 0.0015	< 0.0015
Cobalt	0.004	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002						< 0.002	< 0.002
Copper	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.007	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.007	< 0.007
Iron	< 0.02	0.881	1.831	< 0.02	0.391	0.111	0.211	0.361	0.0091	0.01	0.0054			0.072	0.193
Lead	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0005	< 0.0005	< 0.0005	0.0053	< 0.0004	< 0.005	< 0.005
Magnesium	776.9	505.7	513.6	14.4	28.7	11.2	12.6	26.5	28	29	27			32.7	32.3
Manganese	0.817	0.422	0.554	0.011	0.097	0.282	0.305	0.123						0.113	0.103
Mercury	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.13	0.11	0.079	< 0.00001	< 0.00001	< 0.001	< 0.001
Molybdenum									0.00007	< 0.00001	< 0.00001				
Nickel	0.012	< 0.002	< 0.002	0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00094	0.0013	0.00092	0.0044	< 0.001	< 0.002	< 0.002
Potassium	261.7	163.1	186.7	18.7	3.6	5	4.9	3.4	0.0007	0.0017	0.00071			3.1	3.1
Selenium	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	3.5	2.9	2.6	0.0057	0.0018	< 0.003	< 0.003
Vanadium									< 0.0005	< 0.0005	< 0.0005				
Zinc	0.009	< 0.003	< 0.003	0.004	0.003	< 0.003	< 0.003	0.004	0.0079	0.0055	0.01	0.014	0.011	0.005	0.004
Aliphatic TPH >C5-C6	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aliphatic TPH >C6-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aliphatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aliphatic TPH >C10-C12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0001	< 0.0001	< 0.0001			< 0.005	< 0.005
Aliphatic TPH >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	0.1	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aliphatic TPH >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aliphatic TPH >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aliphatic TPH >C35-C44									< 0.0001	< 0.0001	< 0.0001				
Total Aliphatic Hydrocarbons	< 0.01	< 0.01	< 0.01	< 0.01	0.1	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005			< 0.01	< 0.01
Aromatic TPH >C5-C7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aromatic TPH >C7-C8	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aromatic TPH >C8-C10	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aromatic TPH >C10-C12	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0001	< 0.0001	< 0.0001			< 0.005	< 0.005
Aromatic TPH >C12-C16	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aromatic TPH >C16-C21	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aromatic TPH >C21-C35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001			< 0.01	< 0.01
Aromatic TPH >C35-C44									< 0.0001	< 0.0001	< 0.0001				
Total Aromatic Hydrocarbons	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.005	< 0.005	< 0.005			< 0.01	< 0.01
Total Petroleum Hydrocarbons	< 0.01	< 0.01	< 0.01	< 0.01	0.1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			< 0.01	< 0.01
Mineral Oil					0.1	< 0.01								< 0.01	
Acenaphthene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005			< 0.001	< 0.001
Acenaphthylene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Benzo[a]anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Benzo[a]pyrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005			< 0.001	< 0.001
Benzo[b]fluoranthene									< 0.0005	< 0.0005	< 0.0005				
benzo(b,k)fluoranthene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						< 0.001	< 0.001
Benzo[g,h,i]perylene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Benzo[k]fluoranthene									< 0.0005	< 0.0005	< 0.0005				
Chrysene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Dibenz(a,h)Anthracene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Fluoranthene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Fluorene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Indeno(1,2,3-c,d)Pyrene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005			< 0.001	< 0.001
Naphthalene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005			< 0.001	< 0.001
Phenanthrene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Pyrene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
Benzene	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.0005	< 0.0005
Toluene	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.005	< 0.005
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.001	< 0.001
m & p-Xylene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001			< 0.002	< 0.002
o-Xylene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.001	< 0.001
1,1,1,2-Tetrachloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0002	< 0.0002	< 0.0002	< 0.001	< 0.001	< 0.002	< 0.002
1,1,2,2-Tetrachloroethane	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004						< 0.004	< 0.004
1,1,1-Trichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.002	< 0.002
1,1,2-Trichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.002	< 0.002
1,1-Dichloroethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
1,1-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
1,1-Dichloropropene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001			< 0.003	< 0.003
1,2,3-Trichlorobenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0002	< 0.0002	< 0.0002	< 0.001	< 0.001	< 0.003	< 0.003
1,2,3-Trichloropropane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.005	< 0.005	< 0.005	< 0.001	< 0.001	< 0.003	< 0.003
1,2,4-Trichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001
1,2,4-Trimethylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
1,2-Dibromo-3-Chloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.005	< 0.005	< 0.005	< 0.001	< 0.001	< 0.002	< 0.002
1,2-Dibromoethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.002	< 0.002
1,2-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001
1,2-Dichloroethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0002	< 0.0002	< 0.0002	< 0.001	< 0.001	< 0.002	< 0.002
1,2-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.002	< 0.002
1,3,5-Trimethylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
1,3-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001
1,3-Dichloropropane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0002	< 0.0002	< 0.0002	< 0.001	< 0.001	< 0.002	< 0.002
1,4-Dichlorobenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.00005	< 0.001	< 0.001	< 0.001	< 0.001
2,2-Dichloropropane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001						< 0.001	< 0.001
2-Chlorotoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
4-Chlorotoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
4-Isopropyltoluene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Bromobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.002	< 0.002
Bromochloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.002	< 0.002
Bromodichloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.002	< 0.002
Bromomethane	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001
Chlorobenzene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.002	< 0.002
Chloroethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0002	< 0.0002	< 0.0002	< 0.001	< 0.001	< 0.003	< 0.003
Chloromethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
cis 1,2-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
cis-1,3-Dichloropropene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002
Dibromochloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002
Dibromomethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Dichlorodifluoromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.002	< 0.002
Dichloromethane	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005						< 0.005	< 0.005
Isopropylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Methyl Tert-Butyl Ether	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.0001	< 0.0001
N-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
N-Propylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Sec-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Styrene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.002	< 0.002
Tert-Butylbenzene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Tetrachloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Tetrachloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001			< 0.002	< 0.002
Trans 1,2-Dichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Trans-1,3-Dichloropropene	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002
Tribromomethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.002	< 0.002
Trichloroethene	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Trichlorofluoromethane	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.003	< 0.003
Trichloromethane	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.002	< 0.002
Vinyl Chloride	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.0001	< 0.0001

Table F4 - Tier 2 Screening Table
Controlled Waters - IGV, DWS, EQS
Dublin Metrolink

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 14/02/2018 - 24/03/2021

			Works Area	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION
			Sample Date	11/01/2021	11/01/2021	12/01/2021	12/01/2021	18/03/2021	18/03/2021	18/03/2021	18/03/2021	22/07/2019	01/08/2019	22/07/2019	12/01/2021	12/01/2021	12/01/2021	09/02/2021	19/03/2021	19/03/2021	19/03/2021	19/03/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	11/03/2021	11/03/2021	11/03/2021	11/03/2021	18/01/2021	18/01/2021	24/03/2021	24/03/2021	24/03/2021			16/04/2019	17/05/2019	18/01/2021	24/03/2021
			Location	NBH21-S	NBH21-S	NBH216A-D	NBH216A-S	NBH216A-D	NBH216A-S	NBH21-S	NBH215-D	NBH23	NBH23	NBH23A	NBH23A	NBH23W	NBH24-S	NBH22-S	NBH23A	NBH23W	NBH24-S	NBH23A	NBH25-S	NBH26CA	NBH26CW	NBH46	NBH25-S	NBH26CA	NBH26CW	NBH46	NBH219B-D	NBH219B-S	NBH219B-D	NBH219B-S	ABH53	ABH53	ABH53	NBH30W	NBH30W	NBH31	NBH31
2,4-Dinitrotoluene	0.00024	ROI DWS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005			< 0.0005	< 0.0005
2,6-Dinitrotoluene	0.000049	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
4-Chloroaniline	0.71	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
2-Methylnaphthalene	0.036	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
2-Nitroaniline	0.19	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
3-Nitroaniline		mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
4-Bromophenylphenyl Ether		mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
4-Chloroaniline	0.000337	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
4-Chlorophenylphenylether		mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
4-Nitroaniline	0.0038	ROI DWS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
Azobenzene	0.00012	ROI DWS	mg/L																																< 0.0005	< 0.0005	< 0.00005				
Bis(2-Chloroethoxy)Methane	0.019	ROI DWS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
Bis-(2-Chloroethyl)Ether	0.000014	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Bis(2-Chloroisopropyl)Ether		mg/L																																< 0.0005	< 0.0005	< 0.00005				
Bis(2-Ethylhexyl)Phthalate	0.008	ROI IGV	mg/L	< 0.005	< 0.005	< 0.005	0.059	< 0.005	< 0.005	< 0.005	< 0.005				< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005			< 0.005	< 0.005
Butylbenzyl Phthalate	0.0075	ROI EQS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Carbazole		mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0014	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
Dibenzofuran	0.0079	ROI DWS	mg/L	< 0.00005	< 0.00005	< 0.00005	0.0021	< 0.00005	< 0.00005	< 0.00005	< 0.00005				< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005			< 0.00005	< 0.00005
Diethyl Phthalate	0.2	ROI EQS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Dimethylphthalate	0.8	ROI EQS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Di-N-Butyl Phthalate	0.002	ROI IGV	mg/L	< 0.0015	< 0.0015	< 0.0015	0.0019	< 0.0015	< 0.0015	< 0.0015	< 0.0015				< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015			< 0.0015	< 0.0015
Di-N-Octyl Phthalate	0.02	ROI EQS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Hexachlorobenzene	0.00003	ROI IGV	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Hexachlorobutadiene	0.0001	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005	< 0.001	< 0.001	< 0.001	< 0.001
Hexachlorocyclopentadiene	0.00041	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Hexachloroethane	0.00033	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Isophorone	0.078	ROI DWS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
Nitrobenzene	0.01	ROI IGV	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
N-Nitrosodimethylamine	0.0001	ROI DWS	mg/L																																< 0.0005	< 0.0005	< 0.00005				
N-Nitroso-N-propylamine	0.000013	ROI DWS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
2,4,5-Trichlorophenol	1.2	ROI DWS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
2,4,6-Trichlorophenol	0.2	ROI IGV	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
2,4-Dichlorophenol	0.0042	ROI EQS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
2,4-Dimethylphenol	0.36	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
2-Chlorophenol	0.2	ROI IGV	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
2-Methylphenol	0.93	ROI DWS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
2-Nitrophenol		mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
4-Chloro-3-Methylphenol	0.04	ROI EQS	mg/L	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005				< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.00005			< 0.0005	< 0.0005
4-Methylphenol	1.9	ROI DWS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
4-Nitrophenol		mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Phenol	0.008	ROI EQS	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
Pentachlorophenol	0.002	ROI IGV	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001				< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.00005			< 0.001	< 0.001
2-Methyl-4,6-Dinitrophenol	0.0015	ROI DWS	mg/L																																< 0.0005	< 0.0005	< 0.00005				
PCB 118	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 77	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 81	0.000006	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 105	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 114	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 123	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 126	0.00000001	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 156	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 157	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 167	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 169	0.000000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
PCB 189	0.000004	ROI DWS	mg/L																			< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			< 0.0001	< 0.0001						< 0.0001	< 0.0001
Total PCBs (12 Congeners)	0.00001	ROI IGV	mg/L																			< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012			< 0.0012	< 0.0012						< 0.0012	< 0.0012
Guthion (Azinphos-methyl)	0.00001	ROI EQS	mg/L									< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
Coumaphos	0.00003	ROI EQS	mg/L									< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
Demeton-S		mg/L										< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
DISULFOTON	0.0001	ROI DWS	mg/L									< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
Fensulfothion		mg/L										< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
Fenthion	0.0001	ROI DWS	mg/L									< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
PHORATE	0.0001	ROI DWS	mg/L									< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
Sulprofos		mg/L										< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
Tbto	0.0000002	ROI EQS	mg/L									< 0.00005	< 0.00005	< 0.00005																						< 0.0000001	< 0.0000001				
												< 0.0000001	< 0.0000001	< 0.0000001																											
Tokuthion		mg/L										< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				
Trichloronate		mg/L										< 0.0002	< 0.0002	< 0.0002																					< 0.0002	< 0.0002	< 0.0002				

Appendix H. Leachate Data

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 14/01/2019 - 07/05/2021

			Works Area	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN
			Location	ATP01B	ATP01B	ATP02B	ATP02B	NBH72	NTP02	ATP03A	ATP03A	ATP04	ATP04	ATP05	ATP05	ATP06B	ATP06B	ATP06B	ATP07	ATP07	ATP07
			Sample Date	07/05/2021	07/05/2021	07/05/2021	07/05/2021	04/06/2019	11/06/2019	02/12/2020	02/12/2020	02/12/2020	02/12/2020	02/12/2020	02/12/2020	01/12/2020	01/12/2020	01/12/2020	11/03/2021	11/03/2021	11/03/2021
			Top Depth (m)	0.5	1.5	0.5	1.5	0.5	0.8	0.5	1.5	0.5	1.5	0.5	2.5	0.5	1.5	3.5	0.5	1	1.2
Analyte	Controlled Waters GAC	Source	Units																		
pH	9.5	ROI IGV	pH UNITS					8	8.2												
Dissolved Organic Carbon			mg/l	5.2	3.2	8.3	2.1	7.1	2.9	10	8.3	29	3.9	29	4	5.8	6.9	4.3	3.2	4.4	3.2	4.3
Total Dissolved Solids	1000	ROI IGV	mg/l	62	72	32	62	140	120	78	72	98	65	85	65	51	62	53	36	53	53	59
Chloride	30	ROI IGV	mg/l	1.1	2.1	4.7	4.3	3.9	6.8	1.2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.2	1.1	3.5	6.9
Fluoride	1	ROI IGV	mg/l	0.31	0.31	0.29	0.25	0.61	0.25	0.22	0.16	0.58	0.14	0.26	0.16	0.29	0.55	0.27	0.12	0.24	0.45	0.32
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	< 1	1.2	2.2	1.7	27	18	< 1	< 1	< 1	< 1	< 1	5.4	< 1	3.4	1.6	2.4	9.9	3.7	2.1
Antimony	0.005	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	0.00055	< 0.0005	< 0.0005
Arsenic	0.01	ROI IGV	mg/l	< 0.0002	< 0.0002	0.0012	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0018	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0021	0.0017	0.00044	0.00043
Barium	0.1	ROI IGV	mg/l	< 0.005	0.012	0.0064	0.011	0.013	0.0074	0.0055	< 0.005	< 0.005	0.023	< 0.005	< 0.005	0.0055	< 0.005	< 0.005	< 0.005	0.0077	0.0065	0.0076
Cadmium	0.005	ROI IGV	mg/l	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.0001	< 0.0001	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Chromium	0.03	ROI IGV	mg/l	0.011	0.0084	0.012	0.01	0.0017	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	0.00071	0.00058	0.0011
Copper	0.03	ROI IGV	mg/l	0.0011	0.00064	0.0026	0.00059	< 0.001	< 0.001	0.0012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0064	0.01	0.0041	< 0.0005	0.00053	< 0.0005	< 0.0005
Lead	0.01	ROI IGV	mg/l	< 0.0005	< 0.0005	0.00071	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0001	< 0.0001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.0027	0.0077	0.00071	0.0046	0.0034	0.017	0.0016	0.0025	< 0.001	0.0015	0.0013	0.0035	0.0038	0.0097	0.0089	0.0032	0.0078	0.019	0.019
Nickel	0.02	ROI IGV	mg/l	0.0048	0.0037	0.0067	0.0043	0.0015	< 0.0001	< 0.001	< 0.001	0.0011	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Selenium	0.01	ROI DWS	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.00061	0.00071	< 0.0005	< 0.0005
Zinc	0.1	ROI IGV	mg/l	< 0.0025	< 0.0025	0.0039	< 0.0025	0.0022	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0021	0.0022	0.0022	0.0046	< 0.0025	0.004	< 0.0025
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.049	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 14/01/2019 - 07/05/2021

			Works Area	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY-SEATWN	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION
			Location	ATP07	ATP07	ATP07	NBH402	NBH402	NBH403	NBH403	NBH404	NBH406	NBH407	NBH408	<250 NBH405	ABH01	ABH01	ABH01	ABH01	ABH01	ABH01	ABH02
			Sample Date	11/03/2021	12/03/2021	12/03/2021	28/01/2020	28/01/2020	03/02/2020	28/02/2020	03/02/2020	16/01/2020	16/01/2020	14/01/2019	05/02/2020	23/02/2021	25/02/2021	25/02/2021	02/03/2021	02/03/2021	02/03/2021	23/02/2021
			Top Depth (m)	2	4.1	11	0.5	1	0.5	7.3	0.5	0.5	0.5	0.5	0.5	1	2	4	5	7.6	14	0.3
Analyte	Controlled Waters GAC	Source	Units																				
pH	9.5	ROI IGV	pH UNITS				8.3	8.4	8.3	9	8.4	8.3	8.2	8.8	8								
Dissolved Organic Carbon			mg/l	< 2	3.7	4	< 2.5	3.6	16	11	13	13	13	6.4	11	3.5	2.6	4	2.6	3.7	3.8	5.3
Total Dissolved Solids	1000	ROI IGV	mg/l	49	160	180	420	78	140	200	130	120	140	110	200	62	58	72	72	49	51	44
Chloride	30	ROI IGV	mg/l	< 1	5.9	6.9	140	5.2	5.7	2.6	3.5	3	2.2	2	2.4	1.2	< 1	6.7	1.3	3.9	49	1.7
Fluoride	1	ROI IGV	mg/l	0.29	0.16	0.089	0.46	0.15	0.55	0.28	0.22	0.62	0.34	0.35	0.26	0.23	0.22	0.16	0.25	0.14	0.16	0.17
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	3.2	50	62	40	8	5.4	74	4.1	< 1	6.3	6.9	9.7	8.8	1.6	6.2	1.1	3.5	110	1
Antimony	0.005	ROI DWS	mg/l	< 0.0005	0.037	0.059	< 0.001	< 0.001	< 0.001	0.0043	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	0.0025	0.00081	< 0.0005	0.0012	< 0.0005
Arsenic	0.01	ROI IGV	mg/l	0.00029	0.0032	0.0029	0.0072	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.0002	< 0.0002	0.0007	0.00036	0.00041	0.014	0.00058
Barium	0.1	ROI IGV	mg/l	0.0063	0.014	0.0091	0.0027	0.011	0.0079	0.064	0.011	0.0075	0.0087	0.011	0.018	< 0.005	0.007	0.042	0.029	0.021	0.0061	0.0079
Cadmium	0.005	ROI IGV	mg/l	< 0.00011	< 0.00011	< 0.00011	< 0.0001	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Chromium	0.03	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.001	0.0037	0.0012	< 0.001	0.0019	< 0.001	0.0011	< 0.001	< 0.001	< 0.0005	< 0.0005	0.0049	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Copper	0.03	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	0.0023	0.0014	0.0026	0.0018	0.0037	0.0026	0.0029	0.0013	0.0027	< 0.0005	< 0.0005	0.001	0.00069	< 0.0005	< 0.0005	0.0013
Lead	0.01	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	0.0017	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.0005	0.0006	< 0.0005	< 0.0005	< 0.0005	0.0018	0.0019	0.0016	< 0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.0078	0.0046	0.018	0.0035	0.0043	0.0023	0.0042	0.0087	0.0031	0.0041	0.0079	0.0073	0.0039	0.0052	0.0062	0.0023	0.0019	0.00087	0.0016
Nickel	0.02	ROI IGV	mg/l	< 0.0005	0.0025	0.028	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	0.00062	< 0.0005	< 0.0005	0.00058	< 0.0005
Selenium	0.01	ROI DWS	mg/l	< 0.0005	0.012	0.00059	0.0018	0.0013	0.001	0.011	0.0018	0.0025	0.0015	< 0.001	< 0.001	< 0.0005	< 0.0005	0.015	0.014	0.00082	0.0044	0.00052
Zinc	0.1	ROI IGV	mg/l	0.0044	0.0057	0.0055	< 0.001	< 0.001	0.0025	0.002	0.0088	< 0.001	< 0.001	< 0.001	0.0011	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0053	< 0.0025
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.05	< 0.03	< 0.03	0.034	0.047	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 14/01/2019 - 07/05/2021

			Works Area	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN STATION	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS	SEATOWN - SWORDS
			Location	ABH02	ABH02	ABH02	ABH02	ABH02	ATP08	ATP08	ATP09B	ATP09C	ATP09D	ATP10	ATP10	ATP10	ATP11	ATP11	ATP11	ATP12	ATP13	ATP13
			Sample Date	25/02/2021	25/02/2021	03/03/2021	03/03/2021	03/03/2021	03/03/2021	03/03/2021	11/03/2020	11/03/2020	11/03/2020	09/12/2020	09/12/2020	09/12/2020	30/11/2020	30/11/2020	30/11/2020	30/11/2020	07/12/2020	07/12/2020
			Top Depth (m)	2	4	5	7	12	0.5	1.5	0.8	1.4	1.3	0.5	1.5	2.5	0.5	2.5	4.5	1.5	0.5	2.5
Analyte	Controlled Waters GAC	Source	Units																			
pH	9.5	ROI IGV	pH UNITS																			
Dissolved Organic Carbon			mg/l	3	3.9	2.6	2.9	3.8	3.5	3.6	5.7	4.3	4.5	12	3.8	4.2	15	7.5	5.3	6.3	15	3.2
Total Dissolved Solids	1000	ROI IGV	mg/l	65	98	78	72	85	72	98	53	98	85	98	59	51	72	110	120	58	72	98
Chloride	30	ROI IGV	mg/l	< 1	4.8	7.9	1.5	3.9	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.2	2.2	1.2	3.2	2.6	1.3
Fluoride	1	ROI IGV	mg/l	0.22	0.14	0.14	0.14	0.16	0.5	0.13	0.14	0.33	0.35	0.67	0.18	0.16	0.31	0.22	0.2	0.18	0.18	0.18
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	4.8	22	22	22	25	7.5	1.3	< 1	< 1	1.3	< 1	< 1	< 1	< 1	6.6	11	1.1	2.2	< 1
Antimony	0.005	ROI DWS	mg/l	< 0.0005	0.0035	0.0027	0.0024	0.0028	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	0.0026	0.0021	< 0.001	< 0.001	< 0.001
Arsenic	0.01	ROI IGV	mg/l	0.00022	0.0006	0.0006	0.00088	0.00068	0.00027	0.00023	0.00026	0.0002	< 0.0002	0.001	< 0.001	0.0012	< 0.001	0.0022	0.0017	< 0.001	< 0.001	< 0.001
Barium	0.1	ROI IGV	mg/l	0.0099	0.017	0.026	0.026	0.026	0.0063	0.01	< 0.005	0.0073	0.0058	0.0081	< 0.005	< 0.005	< 0.005	0.031	0.032	< 0.005	< 0.005	0.021
Cadmium	0.005	ROI IGV	mg/l	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	0.0011	< 0.001	0.0025	0.0015	0.0016	< 0.001	< 0.001	< 0.001
Copper	0.03	ROI IGV	mg/l	< 0.0005	0.0007	0.00079	0.0015	0.0011	0.00061	< 0.0005	0.0012	0.00057	0.00051	0.0021	< 0.001	< 0.001	< 0.001	< 0.001	0.0015	< 0.001	< 0.001	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.006	0.0074	0.0082	0.006	0.0077	0.0035	0.0043	0.0019	0.0033	0.0034	0.0032	0.0039	0.0037	0.0035	0.019	0.014	0.0029	0.001	0.0043
Nickel	0.02	ROI IGV	mg/l	< 0.0005	< 0.0005	0.00055	0.0011	0.00093	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001	0.0044	< 0.001	0.0011	0.0013	< 0.001	< 0.001	< 0.001
Selenium	0.01	ROI DWS	mg/l	< 0.0005	0.019	0.032	0.016	0.025	< 0.0005	0.0017	< 0.0005	< 0.0005	< 0.0005	0.0012	0.0011	0.0012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Zinc	0.1	ROI IGV	mg/l	< 0.0025	< 0.0025	< 0.0025	0.0035	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.001	0.072	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 14/01/2019 - 07/05/2021

			Works Area	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS STATION	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	SWORDS - FOSTERTOWN	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION
			Location	ABH03	ABH03	ABH03	ABH04	ABH04	ABH04	ATP14	ATP14	ATP15	ATP15	ATP16	ATP16	ATP17	ATP17	ATP18	ATP18	ABH05	ABH05	ABH05
			Sample Date	05/01/2021	12/01/2021	12/01/2021	08/01/2021	08/01/2021	08/01/2021	07/12/2020	07/12/2020	07/12/2020	07/12/2020	07/12/2020	07/12/2020	14/12/2020	14/12/2020	14/12/2020	14/12/2020	08/01/2021	08/01/2021	11/01/2021
			Top Depth (m)	0.5	2	4	0.5	3.1	8.8	0.5	1.5	2.5	3.5	0.5	1.5	0.5	1.5	0.5	2.5	1.5	2.5	9.9
Analyte	Controlled Waters GAC	Source	Units																			
pH	9.5	ROI IGV	pH UNITS																			
Dissolved Organic Carbon			mg/l	5.1	7.5	3.8	18	4.4	7.5	3.3	3.2	3.2	4	3.3	3.7	11	6	11	5	3.5	8.1	28
Total Dissolved Solids	1000	ROI IGV	mg/l	65	78	65	85	57	62	98	100	98	98	110	100	57	64	63	72	65	72	72
Chloride	30	ROI IGV	mg/l	< 1	< 1	< 1	1.3	< 1	1.2	< 1	< 1	< 1	< 1	< 1	1.2	1.6	< 1	1.1	< 1	6.7	3.8	1
Fluoride	1	ROI IGV	mg/l	0.34	0.23	0.17	0.2	0.4	0.25	0.21	0.15	0.15	0.17	0.14	0.16	0.31	0.32	0.3	0.27	0.19	0.16	0.34
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	2.9	8.9	7.1	< 1	2.6	7.6	1.1	1.4	< 1	< 1	< 1	2.5	< 1	< 1	< 1	< 1	3.1	8	10
Antimony	0.005	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0018	0.001
Arsenic	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0016	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	0.0018	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0086
Barium	0.1	ROI IGV	mg/l	0.0051	0.009	0.019	< 0.005	< 0.005	0.041	0.01	0.019	0.013	0.013	0.0081	0.016	0.0061	0.0072	< 0.005	0.0067	0.008	0.026	0.024
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	0.00012	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	0.0034	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0031	0.0026	0.043
Copper	0.03	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0029	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	0.0016
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0013	< 0.001	0.0011	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.005	0.013	0.0084	0.0067	0.01	0.0052	0.002	0.0035	0.0062	0.005	0.0045	0.006	0.0014	0.0039	0.0042	0.0028	0.0074	0.0097	0.017
Nickel	0.02	ROI IGV	mg/l	0.0016	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0011	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	0.0018	< 0.001
Selenium	0.01	ROI DWS	mg/l	< 0.001	< 0.001	0.021	< 0.001	0.0016	0.0056	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0026	0.0016	< 0.001	< 0.001	< 0.001	< 0.001	0.025	0.022
Zinc	0.1	ROI IGV	mg/l	< 0.001	< 0.001	0.0014	0.0011	< 0.001	< 0.001	< 0.001	< 0.001	0.0018	< 0.001	< 0.001	< 0.001	0.0027	< 0.001	0.0011	< 0.001	0.001	< 0.001	0.01
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 14/01/2019 - 07/05/2021

			Works Area	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN STATION	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C
			Location	ABH05	ABH06	ABH06	ABH06	ABH06	ABH07	ABH07	ABH07	ABH07	ATP19	ATP19	ATP20	ATP20	ATP21	ATP21	ABH08	ABH08	ABH08	ABH08
			Sample Date	11/01/2021	06/01/2021	08/01/2021	10/01/2021	10/02/2021	29/12/2020	29/12/2020	02/02/2021	02/02/2021	14/12/2020	14/12/2020	14/12/2020	14/12/2020	09/02/2021	09/02/2021	09/02/2021	09/02/2021	10/02/2021	10/02/2021
			Top Depth (m)	12	0.5	6.1	15	1.5	0.3	1	8.5	13.5	0.5	2.5	0.5	2	0.4	2.2	1.3	2	3.8	4.8
Analyte	Controlled Waters GAC	Source	Units																			
pH	9.5	ROI IGV	pH UNITS																			
Dissolved Organic Carbon			mg/l	9.3	4.6	9.7	24	5.1	7.9	4.5	6	4.4	11	3.8	9.8	4.2	13	7	4.9	5.5	6.2	5.9
Total Dissolved Solids	1000	ROI IGV	mg/l	62	78	72	62	120	55	51	56	53	61	53	55	61	85	63	110	66	98	110
Chloride	30	ROI IGV	mg/l	1.1	< 1	140	1.2	2	< 1	< 1	1.1	1.2	< 1	< 1	1.4	< 1	1.3	1.7	2.6	2.3	7.5	7.4
Fluoride	1	ROI IGV	mg/l	0.33	0.31	0.3	0.29	0.34	0.28	0.2	0.22	0.18	0.45	0.22	0.32	0.2	0.48	0.18	0.19	0.13	0.25	0.28
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	6.4	1.2	27	5.3	27	9.7	3.7	3.7	4.3	< 1	< 1	< 1	< 1	< 1	1.2	15	7.6	11	13
Antimony	0.005	ROI DWS	mg/l	< 0.001	< 0.001	0.0028	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0083	0.0039	0.0029	0.0033
Arsenic	0.01	ROI IGV	mg/l	0.012	< 0.001	0.0024	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	0.0012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0057	0.0076	< 0.001	< 0.001
Barium	0.1	ROI IGV	mg/l	0.018	< 0.005	0.056	0.017	0.023	0.018	0.014	0.021	0.042	< 0.005	< 0.005	< 0.005	0.0052	0.011	0.0077	0.023	0.013	0.056	0.057
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	0.00069	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	0.062	0.003	0.0079	< 0.001	< 0.001	< 0.001	0.0021	< 0.001	0.001	0.0011	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0021	< 0.001	< 0.001
Copper	0.03	ROI IGV	mg/l	0.0018	0.0013	0.0027	0.0015	0.0016	< 0.001	< 0.001	0.001	0.0012	0.003	< 0.001	< 0.001	< 0.001	0.0022	< 0.001	< 0.001	0.0025	< 0.001	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0016	0.0021	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.014	0.0022	0.016	0.011	0.0074	0.018	0.008	0.0095	0.0063	0.0033	0.0085	0.0024	0.0089	0.0054	0.01	0.013	0.0042	0.018	0.018
Nickel	0.02	ROI IGV	mg/l	< 0.001	0.0016	0.0031	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Selenium	0.01	ROI DWS	mg/l	0.024	< 0.001	0.053	0.014	< 0.001	0.0042	0.0068	0.016	0.019	< 0.001	< 0.001	< 0.001	< 0.001	0.0011	0.0026	0.0013	< 0.001	0.052	0.057
Zinc	0.1	ROI IGV	mg/l	0.013	< 0.001	0.0044	< 0.001	0.015	0.0042	0.0079	0.0036	0.0096	0.0049	< 0.001	0.0012	< 0.001	0.0052	0.0048	0.011	0.012	0.01	0.011
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-1
Sample Date: 14/01/2019 - 07/05/2021

			Works Area	FOSTERTOWN C/C&C	FOSTERTOWN C/C&C	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL	NORTH PORTAL
			Location	ABH08	ABH08ii	ABH09	ABH09	ABH09	ABH09	ABH09	ABH09	ATP25	ATP25
			Sample Date	10/02/2021	11/02/2021	11/02/2021	11/02/2021	12/02/2021	19/02/2021	19/02/2021	19/02/2021	10/02/2021	10/02/2021
			Top Depth (m)	8	1	8.6	11.5	19.8	0.3	1	3	0.5	1.5
Analyte	Controlled Waters GAC	Source	Units										
pH	9.5	ROI IGV	pH UNITS										
Dissolved Organic Carbon			mg/l	11	10	16	20	27	25	4.9	3.6	8.1	14
Total Dissolved Solids	1000	ROI IGV	mg/l	110	61	78	52	55	98	98	64	47	64
Chloride	30	ROI IGV	mg/l	5.2	7.7	3.3	< 1	< 1	6.4	4.5	2.1	1.4	1.2
Fluoride	1	ROI IGV	mg/l	0.3	0.25	0.31	0.2	0.2	0.48	0.31	0.22	0.3	0.27
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	11	48	13	4.7	4.3	5.2	6.6	5.1	4.3	3.4
Antimony	0.005	ROI DWS	mg/l	0.0023	0.00084	0.001	0.00052	0.00059	0.00066	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Arsenic	0.01	ROI IGV	mg/l	< 0.001	0.0014	0.0009	0.0022	0.0017	0.0015	< 0.0002	< 0.0002	0.00064	0.00024
Barium	0.1	ROI IGV	mg/l	0.045	0.0085	0.038	0.015	0.032	0.011	0.011	0.018	< 0.005	0.0094
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Chromium	0.03	ROI IGV	mg/l	< 0.001	0.0094	0.00067	0.00056	< 0.0005	0.001	< 0.0005	< 0.0005	0.00097	0.00071
Copper	0.03	ROI IGV	mg/l	< 0.001	0.0033	0.0015	0.0018	0.0017	0.0044	0.00083	< 0.0005	0.0019	0.00087
Lead	0.01	ROI IGV	mg/l	< 0.001	0.0012	< 0.0005	< 0.0005	< 0.0005	0.0022	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.013	0.0039	0.01	0.0055	0.0053	0.0049	0.0062	0.024	0.0015	0.0053
Nickel	0.02	ROI IGV	mg/l	< 0.001	0.0072	< 0.0005	< 0.0005	< 0.0005	0.0022	< 0.0005	< 0.0005	0.0015	0.00059
Selenium	0.01	ROI DWS	mg/l	0.036	< 0.0005	0.019	0.01	0.015	< 0.0005	< 0.0005	0.0031	< 0.0005	< 0.0005
Zinc	0.1	ROI IGV	mg/l	0.01	0.01	< 0.0025	< 0.0025	< 0.0025	0.0042	< 0.0025	< 0.0025	0.0034	< 0.0025
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-2
Sample Date: 21/03/2019 - 05/05/2021

			Works Area	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	FTWN - NTH PRTL <250	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT
			Location	NBH501	NBH502	NTP501	NTP502	NTP503	NTP504	NTP505	NTP506	NTP507	NTP508	ABH12	ABH12	ABH12	ABH12	ABH12	ABH13	ABH13	ABH13
			Sample Date	26/04/2021	26/04/2021	05/05/2021	05/05/2021	05/05/2021	05/05/2021	05/05/2021	05/05/2021	05/05/2021	05/05/2021	01/02/2021	01/02/2021	01/02/2021	04/02/2021	04/02/2021	01/02/2021	01/02/2021	01/02/2021
			Top Depth (m)	0.5	0.5	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	0.2	1.7	2.7	16.3	23.5	0.7	1.3	2.7
Analyte	Controlled Waters GAC	Source	Units																		
pH	9.5	ROI IGV	pH UNITS																		
Dissolved Organic Carbon			mg/l	9.8	6.6	< 2	15	3.7	3.4	5.5	5.2	2.6	18	2	5	3	< 2	2.1	4.4	9.9	20
Total Dissolved Solids	1000	ROI IGV	mg/l	57	78	1400	53	61	65	59	28	98	72	52	91				53	120	110
Chloride	30	ROI IGV	mg/l	1.7	< 1	< 1	< 1	2.2	5.3	1.3	16	< 1	< 1	2.6	4.7				2.1	3.6	5
Fluoride	1	ROI IGV	mg/l	0.41	0.45	0.4	0.52	0.26	0.31	0.31	0.13	0.22	0.38	0.14	0.18	0.089	0.095	0.088	0.23	0.21	0.15
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	< 1	< 1	9.2	< 1	3.7	32	4.2	15	35	1	5.2	11				< 1	49	< 1
Antimony	0.005	ROI DWS	mg/l	0.00061	< 0.0005	< 0.0005	0.00051	< 0.0005	0.00072	< 0.0005	0.0011	< 0.0005	0.00097	0.0027	0.0038	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0027
Arsenic	0.01	ROI IGV	mg/l	0.0016	0.00076	0.00027	0.0014	0.0003	0.0036	0.00028	0.0085	0.00021	0.00048	0.0036	0.0041	< 0.001	< 0.001	< 0.001	0.0038	< 0.001	0.0027
Barium	0.1	ROI IGV	mg/l	< 0.005	0.0081	0.0057	0.0051	0.01	0.022	0.0077	0.0079	0.026	0.012	0.055	0.0098	< 0.005	< 0.005	< 0.005	0.02	0.0068	0.019
Cadmium	0.005	ROI IGV	mg/l	< 0.00012	< 0.00012	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	0.018	0.014	0.015	0.015	0.013	0.014	0.014	0.015	0.015	0.014	< 0.001	0.012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Copper	0.03	ROI IGV	mg/l	0.0046	0.0036	0.0012	0.0053	0.0009	0.0012	0.00096	0.0015	0.001	0.0021	< 0.001	0.0026	< 0.001	< 0.001	< 0.001	0.0045	< 0.001	0.0037
Lead	0.01	ROI IGV	mg/l	0.0022	0.0026	< 0.0005	0.003	< 0.0005	0.012	< 0.0005	0.045	< 0.0005	< 0.0005	< 0.001	0.001	< 0.001	< 0.001	< 0.001	0.0011	< 0.001	0.0012
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00005	< 0.00005	< 0.00005
Molybdenum	0.07	ROI DWS	mg/l	0.0038	0.005	0.0034	0.0021	0.01	0.022	0.013	0.0034	0.016	0.01	0.0034	0.013	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0049
Nickel	0.02	ROI IGV	mg/l	0.011	0.0078	0.007	0.0082	0.0061	0.0057	0.0067	0.0057	0.0066	0.007	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0016
Selenium	0.01	ROI DWS	mg/l	0.00058	0.00064	< 0.0005	< 0.0005	< 0.0005	0.0017	< 0.0005	0.0017	0.0024	0.00055	0.0011	0.0012	< 0.001	< 0.001	< 0.001	< 0.001	0.0052	< 0.001
Zinc	0.1	ROI IGV	mg/l	0.0072	< 0.003	0.0031	0.0042	< 0.003	0.0057	< 0.003	0.0041	< 0.003	< 0.003	0.0039	0.006	0.0062	0.013	0.018	0.0049	0.0031	0.0037
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-2
Sample Date: 21/03/2019 - 05/05/2021

			Works Area	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT	DUBLIN AIRPORT <250	DUBLIN AIRPORT <250	SOUTH PORTAL	SOUTH PORTAL
			Location	ABH13	ABH13	ABH13	ABH14	ABH14a	ABH14a	ATP26	ATP26	ATP27	ATP27	ATP28	ATP28	NBH60	NBH61	ABH10	ABH11	ABH17	ABH17
			Sample Date	08/02/2021	08/02/2021	09/02/2021	02/02/2021	02/02/2021	02/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021	02/02/2021	02/02/2021	16/07/2019	27/07/2019	13/04/2021	15/04/2021	12/01/2021	12/01/2021
			Top Depth (m)	3.7	10	20	0.3	0.7	1.3	0.3	1.7	0.3	0.7	0.3	0.7	1	1	29	20	0.4	1.2
Analyte	Controlled Waters GAC	Source	Units																		
pH	9.5	ROI IGV	pH UNITS													7.9	8.6				
Dissolved Organic Carbon			mg/l	2.1	2.2	< 2	3.4	15	7.6	4.6	9.6	3.3	4.1	2.9	2.6	19	9.9	4.2	3	6.9	6.9
Total Dissolved Solids	1000	ROI IGV	mg/l	34	47		78	110	100	47	91	78	72	63	50	380	180	16		91	63
Chloride	30	ROI IGV	mg/l	< 1	2.1		14	17	7.2	2.4	1.5	6.7	10	9.1	1.3	19	12	9.7		< 1	1.4
Fluoride	1	ROI IGV	mg/l	0.087	0.12	0.09	0.13	0.45	0.38	0.096	0.17	0.35	0.23	0.12	< 0.05	0.29	0.61	0.43	0.23	0.32	0.26
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	< 1	4.5		8.7	25	12	1.4	< 1	2.9	2.1	10	6.4	220	43	22		1.9	2
Antimony	0.005	ROI DWS	mg/l	0.0018	< 0.001	0.0012	0.0035	0.0059	0.0016	< 0.001	0.0016	0.001	< 0.001	< 0.001	< 0.001	0.0045	0.0012	0.0019	< 0.0005	< 0.001	< 0.001
Arsenic	0.01	ROI IGV	mg/l	0.0034	0.0011	< 0.001	0.0033	0.0033	< 0.001	0.0038	0.0023	0.0036	0.0032	0.002	0.0037	0.0015	< 0.001	0.0011	0.00081	< 0.001	< 0.001
Barium	0.1	ROI IGV	mg/l	< 0.005	< 0.005	< 0.005	0.1	0.008	0.0059	< 0.005	0.015	0.0068	< 0.005	0.0061	0.0072	0.039	0.016	0.0078	< 0.005	< 0.005	0.0053
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	< 0.00008	< 0.00008	0.000089	< 0.00008	< 0.00008	< 0.00008	0.000099	< 0.00008	< 0.00008	< 0.00008	< 0.0001	< 0.0001	< 0.00011	< 0.00011	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	0.0013	0.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.016	0.015	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	0.0013	0.0076
Copper	0.03	ROI IGV	mg/l	< 0.001	0.001	< 0.001	0.0015	0.0041	0.0012	< 0.001	0.0024	0.0021	0.0017	< 0.001	0.001	0.0045	0.0024	< 0.0005	< 0.0005	< 0.001	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	0.0019	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00001	< 0.00001	< 0.00005	< 0.00001	< 0.0001	< 0.0001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	< 0.001	0.001	< 0.001	0.0074	0.015	0.0033	< 0.001	0.0031	0.03	0.0015	0.002	0.0025	0.0093	0.022	0.003	0.00025	0.016	0.02
Nickel	0.02	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	0.0017	0.0013	< 0.001	< 0.001	0.0013	0.0022	< 0.001	< 0.001	0.0021	< 0.0001	< 0.0005	< 0.0005	< 0.001	< 0.001
Selenium	0.01	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	0.0025	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0022	0.0037	0.00074	0.011	< 0.001	< 0.001
Zinc	0.1	ROI IGV	mg/l	0.0066	0.005	0.012	0.0017	0.0042	0.0053	0.0017	0.0019	0.0043	0.0097	0.002	0.0062	0.007	0.0025	< 0.0025	< 0.0025	0.0023	0.0027
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.091	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-2
Sample Date: 21/03/2019 - 05/05/2021

			Works Area	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL	SOUTH PORTAL
			Location	ABH17	ABH17	ABH17	NBH05
			Sample Date	14/01/2021	14/01/2021	10/02/2021	21/03/2019
			Top Depth (m)	10	22.1	1	0.5
Analyte	Controlled Waters GAC	Source	Units				
pH	9.5	ROI IGV	pH UNITS				8.2
Dissolved Organic Carbon			mg/l	9.1	2.6	7.3	14
Total Dissolved Solids	**1000**	ROI IGV	mg/l	63	91	88	110
Chloride	30	ROI IGV	mg/l	3.1	< 1	2.2	7.9
Fluoride	1	ROI IGV	mg/l	0.29	0.18	0.34	0.38
Sulphate (2:1 Water Soluble) as SO4	**200**	ROI IGV	mg/l	8.9	15	3.5	8.9
Antimony	**0.005**	ROI DWS	mg/l	< 0.001	0.0049	< 0.001	< 0.001
Arsenic	0.01	ROI IGV	mg/l	< 0.001	0.0023	< 0.001	< 0.001
Barium	**0.1**	ROI IGV	mg/l	0.039	0.02	0.009	0.013
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	< 0.00008	< 0.0001
Chromium	0.03	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
Copper	0.03	ROI IGV	mg/l	< 0.001	< 0.001	0.0015	0.002
Lead	**0.01**	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.0005
Molybdenum	0.07	ROI DWS	mg/l	0.0094	0.0057	0.011	0.011
Nickel	0.02	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.0001
Selenium	**0.01**	ROI DWS	mg/l	**0.017**	0.0097	0.001	< 0.001
Zinc	0.1	ROI IGV	mg/l	0.0039	0.0063	0.015	0.0067
Phenols	**0.0005**	ROI IGV	mg/l	**< 0.03**	**< 0.03**	**< 0.03**	**< 0.03**

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 09/02/2011 - 25/02/2021

			Works Area	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT
			Location	ATP29	ATP29	ATP29i	ATP29i	ATP30	ATP30	ATP30i	ATP30i	ATP31	ATP31	ATP31i	ATP31i	ATP32	ATP32	ATP32i	ATP32i	MN/104/TP/005	MN/104/TP/006
			Sample Date	09/12/2020	09/12/2020	09/12/2020	09/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	08/12/2020	10/02/2011	10/02/2011
			Top Depth (m)	0.5	1	0.5	2.1	0.5	1.5	0.5	2.5	0.5	1.5	0.5	1.5	0.5	1.5	0.5	1.5	4.2	0.4
Analyte	Controlled Waters GAC	Source	Units																		
pH	9.5	ROI IGV	pH UNITS																	8.1	8.2
Conductivity	1000	ROI IGV	us/cm																	134	127
Dissolved Organic Carbon			mg/l	8.7	15	3.7	15	8.7	4.7	5.9	5.4	11	4.5	7.4	4.6	6.4	4.9	7.8	4.5	12	7.4
Total Dissolved Solids	1000	ROI IGV	mg/l	72	61	72	61	78	91	98	120	160	100	98	100	110	100	60	91	105	99
Chloride	30	ROI IGV	mg/l	< 1	< 1	1.2	2.1	2.3	1.6	1	3.5	< 1	< 1	1.3	< 1	< 1	< 1	1	1.7	4	5
Fluoride	1	ROI IGV	mg/l	0.3	0.25	0.38	0.26	0.25	0.26	0.27	0.29	0.22	0.17	0.22	0.15	0.23	0.19	0.19	0.18	0.5	0.5
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	< 1	< 1	18	1.1	< 1	< 1	< 1	16	12	1.1	< 1	< 1	3.9	4.1	2.2	< 1	9	24
Antimony	0.005	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	0.0038	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002	0.002
Arsenic	0.01	ROI IGV	mg/l	0.0012	0.0021	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0042	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002	< 0.001
Barium	0.1	ROI IGV	mg/l	0.0089	0.0064	0.019	< 0.005	0.0061	0.019	0.0078	0.034	0.032	0.018	0.0076	0.017	0.017	0.019	< 0.005	0.0091	0.43	0.38
Boron (Water soluble)			mg/l																	0.16	< 0.01
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	< 0.00008	< 0.00008	0.000081	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.0001	< 0.0001
Chromium	0.03	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	0.001
Copper	0.03	ROI IGV	mg/l	0.0021	0.0017	< 0.001	0.001	0.0018	< 0.001	< 0.001	< 0.001	0.003	< 0.001	0.0016	< 0.001	0.0014	< 0.001	0.0026	< 0.001	0.013	0.003
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	< 0.001	< 0.001	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0001	< 0.0001
Molybdenum	0.07	ROI DWS	mg/l	0.016	0.015	0.033	0.0072	< 0.001	0.011	0.0016	0.014	0.0096	0.0099	< 0.001	0.009	0.0045	0.012	< 0.001	0.0067	0.014	0.044
Nickel	0.02	ROI IGV	mg/l	0.0012	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0026	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	0.001
Selenium	0.01	ROI DWS	mg/l	0.0015	< 0.001	0.0078	0.0017	< 0.001	< 0.001	< 0.001	0.032	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	0.006
Zinc	0.1	ROI IGV	mg/l	0.002	< 0.001	0.054	< 0.001	0.0021	< 0.001	< 0.001	< 0.001	0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0047	< 0.001	0.14	0.06
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 09/02/2011 - 25/02/2021

			Works Area	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	DARDISTOWN DEPOT	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C
			Location	MN/104/TP/007	MN/104/TP/009	MN/104/TP/010	MN104/TP/001	NBH08	ABH18	ABH18	ABH18	ABH18	ABH18	ABH18	ABH19	ABH19	ABH19	ABH19	ABH19	ABH19	ABH20	ABH20
			Sample Date	10/02/2011	10/02/2011	10/02/2011	09/02/2011	04/04/2019	04/01/2021	14/01/2021	20/01/2021	20/01/2021	20/01/2021	20/01/2021	24/02/2021	24/02/2021	24/02/2021	25/02/2021	25/02/2021	25/02/2021	15/01/2021	15/01/2021
			Top Depth (m)	1.1	1.8	1.6	0.8	0.3	0.5	2	9	11.5	21.8	0.5	2	3	10	13	23	0.5	2
Analyte	Controlled Waters GAC	Source	Units																		
pH	9.5	ROI IGV	pH UNITS	8.1	8	8.2	8.1	8.3													
Conductivity	1000	ROI IGV	us/cm	160	393	146	141														
Dissolved Organic Carbon			mg/l	5.7	10	7.1	6.6	10	4	3.8	4.5	4.5	3.5	2.4	4.4	6.9	24	7.2	5.8	6.4	3.3
Total Dissolved Solids	1000	ROI IGV	mg/l	125	307	114	110	160	85	78	98	100	120	490	85	85	85	63	100	140	85
Chloride	30	ROI IGV	mg/l	3	52	9	3	2.3	1	< 1	6.4	6.8	7.6	1	4.1	1.6	4.3	1.7	7.5	< 1	< 1
Fluoride	1	ROI IGV	mg/l	0.3	0.4	0.4	0.9	0.34	0.34	0.25	0.22	0.29	0.31	0.27	0.48	0.3	0.34	0.27	0.24	0.31	0.28
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	15	44	26	5	61	1.9	< 1	28	29	37	400	30	3.3	20	9.9	30	28	17
Antimony	0.005	ROI DWS	mg/l	0.005	0.003	0.002	0.001	0.0021	< 0.001	< 0.001	0.0043	0.0033	0.0029	< 0.0005	0.0015	< 0.0005	0.0022	0.0042	0.0026	0.0017	< 0.001
Arsenic	0.01	ROI IGV	mg/l	0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0002	0.00023	0.00026	0.0012	0.0015	0.00051	0.0014	< 0.001
Barium	0.1	ROI IGV	mg/l	0.3	0.34	0.4	0.39	0.015	0.005	0.0096	0.031	0.044	0.036	0.024	0.028	0.0065	0.026	0.033	0.047	0.029	0.028
Boron (Water soluble)			mg/l	< 0.01	0.04	0.04	< 0.01														
Cadmium	0.005	ROI IGV	mg/l	< 0.0001	0.0001	0.0002	< 0.0001	< 0.0001	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	0.002	0.002	0.002	0.004	< 0.001	0.0028	0.0036	0.0028	0.0032	0.0027	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0035	0.0039
Copper	0.03	ROI IGV	mg/l	0.007	0.013	0.023	0.01	0.0045	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.00054	0.001	0.0012	0.0015	0.0012	0.00088	< 0.001	< 0.001
Lead	0.01	ROI IGV	mg/l	0.002	0.001	0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00001	< 0.00001	< 0.00005	< 0.00005	< 0.00005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.044	0.015	0.021	0.005	0.0029	0.0037	0.0087	0.0087	0.012	0.011	0.012	0.021	0.0042	0.0045	0.0051	0.0095	0.01	0.021
Nickel	0.02	ROI IGV	mg/l	0.002	0.009	0.005	0.002	< 0.0001	0.0019	< 0.001	0.0022	0.0017	0.0025	0.00084	0.00055	0.00075	0.001	0.00056	0.00095	< 0.001	< 0.001
Selenium	0.01	ROI DWS	mg/l	0.001	0.001	0.001	0.001	< 0.001	< 0.001	< 0.001	0.059	0.062	0.053	0.0074	0.022	0.00094	0.014	0.025	0.046	0.001	0.016
Zinc	0.1	ROI IGV	mg/l	0.048	0.077	0.116	0.179	0.0031	< 0.001	< 0.001	0.0014	0.0018	0.0036	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.0014	0.001
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-3
Sample Date: 09/02/2011 - 25/02/2021

			Works Area	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD C/C&C	NORTHWOOD TUNNEL
			Location	ABH20	ABH20	ABH20	ABH20	ATP34	ATP34	ATP35	ATP35	NBH12	NBH202	NBH73
			Sample Date	15/01/2021	19/01/2021	19/01/2021	19/01/2021	14/12/2020	14/12/2020	10/02/2021	10/02/2021	17/04/2019	17/09/2019	11/06/2019
			Top Depth (m)	4	7.45	18.7	22.75	1	2.5	0.5	1.5	0.1	0.5	0.5
Analyte	Controlled Waters GAC	Source	Units											
pH	9.5	ROI IGV	pH UNITS									8.3	8.3	8.2
Conductivity	1000	ROI IGV	us/cm											
Dissolved Organic Carbon			mg/l	5.6	5.4	3.9	2.4	6.9	7.3	27	3.2	20	8.8	7.1
Total Dissolved Solids	1000	ROI IGV	mg/l	91	72	150	43	78	52	83	66	420	140	150
Chloride	30	ROI IGV	mg/l	1.8	1.7	< 1	2.2	2.3	< 1	2	1.5	12	2.8	1.3
Fluoride	1	ROI IGV	mg/l	0.32	0.32	0.29	0.16	0.36	0.28	0.33	0.19	0.28	0.62	0.59
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	21	15	56	3.4	4.6	1.6	4.4	2.8	29	12	5.6
Antimony	0.005	ROI DWS	mg/l	< 0.001	< 0.001	0.0046	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Arsenic	0.01	ROI IGV	mg/l	0.0011	< 0.001	0.0018	0.0011	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Barium	0.1	ROI IGV	mg/l	0.048	0.067	0.044	< 0.005	< 0.005	0.0068	0.0086	0.01	0.027	0.0085	0.0066
Boron (Water soluble)			mg/l											
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	0.00009	0.00013	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.0001	< 0.0001	< 0.0001
Chromium	0.03	ROI IGV	mg/l	0.0043	0.0065	0.0069	0.0059	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	< 0.001
Copper	0.03	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	0.0018	< 0.001	< 0.001	< 0.001	0.003	< 0.001	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0025	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0001	< 0.0001	< 0.0001
Molybdenum	0.07	ROI DWS	mg/l	0.016	0.022	0.046	0.0084	0.004	0.015	0.0055	0.02	0.0021	0.0042	0.01
Nickel	0.02	ROI IGV	mg/l	< 0.001	0.002	0.0036	0.002	< 0.001	< 0.001	< 0.001	< 0.001	0.002	< 0.0001	0.0013
Selenium	0.01	ROI DWS	mg/l	0.013	0.018	0.0018	0.0015	< 0.001	0.0012	< 0.001	< 0.001	0.002	< 0.001	< 0.001
Zinc	0.1	ROI IGV	mg/l	0.0017	0.0039	0.011	0.0058	0.0019	< 0.001	0.016	0.011	0.0049	< 0.0001	< 0.0001
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Freshwater EQS GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	NORTHWOOD TNL	NORTHWOOD TNL	NORTHWOOD TNL	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION
			Location	<250	<250	<250	ABH23	ABH23	ABH23	ABH23	ABH23	ABH23	ABH24A	ABH24B	ABH24B	ABH24B	ABH24B	ABH24B	ABH24B	ABH24B	ABH25
			Sample Date	ABH21	ABH21	NBH80	04/01/2021	05/01/2021	05/01/2021	08/01/2021	08/01/2021	11/01/2021	05/01/2021	12/01/2021	12/01/2021	14/01/2021	14/01/2021	15/01/2021	15/01/2021	05/01/2021	06/01/2021
			Top Depth (m)	13/01/2021	13/01/2021	17/04/2019	0.5	2	5.5	10.5	19.24	29.7	1.5	0.7	1.8	4.8	17	22	27	0.5	1.7
Analyte	Controlled Waters GAC	Source	Units	18.4	23.9	0.3															
pH	6.5 - 9.5	ROI IGV	pH UNITS			8.2															
Dissolved Organic Carbon			mg/l	3.3	2.4	13	8.2	4	4.8	5.2	3.4	4	3.2	12	3.5	3.5	2.9	6.2	5.4	5.1	4.3
Total Dissolved Solids	1000	ROI IGV	mg/l	98	98	340	120	59	91	85	50	33	180	61	59	100	78	98	53	91	72
Chloride	30	ROI IGV	mg/l	7.8	< 1	8.2	2.7	< 1	8.4	5.3	< 1	< 1	< 1	1.3	1.1	11	2.7	9.3	2.5	< 1	< 1
Fluoride	1	ROI IGV	mg/l	0.32	0.32	0.3	0.31	0.72	0.52	0.47	0.18	0.14	0.3	0.41	0.57	0.47	0.22	0.23	0.16	0.24	0.21
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	22	26	170	< 1	4.8	22	12	2.4	4.2	100	< 1	2.7	24	14	26	2.8	< 1	4.7
Antimony	0.005	ROI DWS	mg/l	0.0027	0.0063	< 0.001	0.0022	0.002	0.0017	0.0019	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	0.0029	0.0012	0.0072	0.0037	0.0019	< 0.001
Arsenic	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	0.0025	0.0023	< 0.001	< 0.001	< 0.001	0.016	< 0.001	0.0013	< 0.001	< 0.001	0.001	0.0042	0.0032	0.0035	< 0.001
Barium	0.1	ROI IGV	mg/l	0.032	0.025	0.026	0.04	0.0097	0.049	0.05	0.0091	< 0.005	0.024	< 0.005	0.0074	0.077	0.043	0.034	< 0.005	0.02	0.0062
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	0.0001	< 0.00008	0.002	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	0.000098	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	< 0.001	< 0.001	0.001	0.0024	0.0067	0.0034	0.0022	0.0035	0.09	0.003	0.0015	0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0034	0.0025
Copper	0.03	ROI IGV	mg/l	< 0.001	< 0.001	0.0012	0.0019	0.0021	< 0.001	0.0012	< 0.001	< 0.001	< 0.001	0.0025	< 0.001	< 0.001	0.0012	< 0.001	< 0.001	0.002	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	0.0019	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	0.0005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.009	0.012	0.0033	0.01	0.032	0.016	0.018	0.0032	0.0036	0.014	0.0059	0.044	0.02	0.0055	0.034	0.0098	0.012	0.014
Nickel	0.02	ROI IGV	mg/l	< 0.001	< 0.001	0.0016	0.0025	0.0048	0.002	0.0016	0.0012	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	< 0.001	0.0011	< 0.001	0.0025	0.0015
Selenium	0.01	ROI DWS	mg/l	0.13	0.012	0.0017	< 0.001	0.0029	0.04	0.047	0.0049	< 0.001	0.012	0.0012	0.0034	0.049	0.0089	0.014	0.0024	< 0.001	< 0.001
Zinc	0.1	ROI IGV	mg/l	0.0039	0.004	0.0036	< 0.001	0.0056	0.0019	0.0039	< 0.001	0.0091	0.0038	0.0047	0.0016	0.024	0.0087	0.0094	0.0057	0.0017	< 0.001
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.057	0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STATION	BALLYMUN STN	BALLYMUN STN	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION
			Location	ABH25	ABH25	ABH25	ATP36	ATP36	ATP37	ATP37	<250	<250	ABH27	ABH27	ABH27	ABH27	ABH27	ABH27	ABH28	ABH28	ABH28
			Sample Date	12/01/2021	12/01/2021	13/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	19/01/2021	18/06/2019	19/01/2021	19/01/2021	22/01/2021	22/01/2021	25/01/2021	25/01/2021	20/01/2021	20/01/2021	20/01/2021
			Top Depth (m)	8.7	20.5	27.22	0.25	1.8	1.8	2.6	16.7	1	1	3	9	18.3	24.8	29.1	0.5	2	4
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS									8.8									
Dissolved Organic Carbon			mg/l	4.5	9.5	2.3	12	4.5	6.8	4.3	9.9	12	4.6	4.7	4.5	4.3	7.3	2.2	6	3.9	3.8
Total Dissolved Solids	1000	ROI IGV	mg/l	120	62	63	59	42	78	91	61	160	60	72	55	44	72	98	72	72	180
Chloride	30	ROI IGV	mg/l	12	3.9	6.6	1.4	< 1	1.4	7.6	< 1	3.5	< 1	1.3	< 1	< 1	7.7	12	< 1	< 1	< 1
Fluoride	1	ROI IGV	mg/l	0.5	0.46	0.29	0.2	0.31	0.28	0.33	0.32	0.66	0.23	0.27	0.28	0.25	0.33	0.19	0.33	0.26	0.29
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	30	10	8.6	7.5	2	13	23	4.7	31	< 1	10	2.9	1.3	7.4	20	3.4	3.7	64
Antimony	0.005	ROI DWS	mg/l	0.0027	< 0.001	0.0026	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0012	< 0.001	< 0.001	< 0.001	< 0.001	0.0036	0.01	< 0.001	< 0.001	0.0028
Arsenic	0.01	ROI IGV	mg/l	< 0.001	0.0021	0.0011	0.007	0.0011	< 0.001	< 0.001	0.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0011	< 0.001	< 0.001	< 0.001
Barium	0.1	ROI IGV	mg/l	0.055	0.022	0.0068	< 0.005	0.017	0.0087	0.017	0.028	0.026	0.0054	0.039	0.03	< 0.005	0.0074	0.0095	< 0.005	0.014	0.069
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.0001	< 0.00008	0.00012	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	0.0012	0.0058	< 0.001	0.029	0.0047	0.003	0.0016	0.0032	< 0.001	0.0072	0.0072	0.0038	0.0035	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Copper	0.03	ROI IGV	mg/l	0.001	< 0.001	< 0.001	0.0028	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0019	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	0.000019	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0001	< 0.00001	< 0.00001	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Molybdenum	0.07	ROI DWS	mg/l	0.027	0.0071	0.0053	0.013	0.021	0.035	0.042	0.01	0.022	0.014	0.033	0.01	0.0034	0.0071	0.0072	0.0097	0.028	0.021
Nickel	0.02	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	0.0021	0.0021	0.0015	0.0015	< 0.001	0.0013	< 0.001	< 0.001	< 0.001
Selenium	0.01	ROI DWS	mg/l	0.078	0.0062	0.0019	0.0013	0.0023	0.0011	0.035	0.0094	0.0038	< 0.001	0.043	0.0034	< 0.001	0.0029	0.019	< 0.001	0.0039	0.023
Zinc	0.1	ROI IGV	mg/l	0.0055	0.0054	0.0038	0.003	0.0023	0.0037	0.0036	0.0018	< 0.0001	0.0024	0.0019	< 0.001	< 0.001	0.0038	0.0037	0.0012	< 0.001	0.0036
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	COLLINS AVE STATION	BALLYMUN STN	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK
			Location	ABH28	ABH28	ABH28	ABH29	ABH29	ABH29	ABH29	ABH29	ABH29	ATP38	ATP38	ATP39	ATP39	NBH206	NBH207	<250 NBH204	ABH30i	ABH30i
			Sample Date	26/01/2021	26/01/2021	27/01/2021	21/01/2021	21/01/2021	21/01/2021	28/01/2021	28/01/2021	29/01/2021	22/01/2021	22/01/2021	22/01/2021	22/01/2021	26/09/2019	23/09/2019	07/10/2019	27/01/2021	27/01/2021
			Top Depth (m)	14.8	21.2	27	1	2.5	3.5	6.2	11.3	26.5	0.6	2.4	0.9	1.7	0.5	0.5	0.4	0.5	1
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS														8.1	11.3	11.8		
Dissolved Organic Carbon			mg/l	2.3	2.9	3.7	30	4	3.7	12	14	7.4	3.8	3.6	5.6	3.9	9	25	3.7	11	6.3
Total Dissolved Solids	1000	ROI IGV	mg/l	85	120	100	85	2000	130	130	72	72	64	55	58	49	170	260	2100	52	54
Chloride	30	ROI IGV	mg/l	1.2	5.5	4.2	< 1	6.9	16	3.8	3.8	5	1.9	2.8	< 1	3.8	4.8	7.5	32	< 1	< 1
Fluoride	1	ROI IGV	mg/l	0.35	0.33	0.39	0.35	0.14	0.33	0.33	0.19	0.18	0.42	0.24	0.17	0.24	0.49	2.2	0.32	0.28	0.29
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	17	41	23	2.8	2.7	33	15	12	14	< 1	2	3	2.9	11	90	8.7	2.2	3
Antimony	0.005	ROI DWS	mg/l	< 0.001	0.0076	0.0076	< 0.001	< 0.001	0.0036	0.0013	0.0014	0.0016	< 0.001	< 0.001	< 0.001	< 0.001	0.0044	0.0014	< 0.001	< 0.001	< 0.001
Arsenic	0.01	ROI IGV	mg/l	< 0.001	0.0012	< 0.001	0.0015	0.0013	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.003	0.009	0.0017	< 0.001	< 0.001
Barium	0.1	ROI IGV	mg/l	0.075	0.021	0.012	0.011	0.12	0.11	0.045	0.027	0.018	< 0.005	0.012	0.0095	< 0.005	0.018	0.015	0.47	< 0.005	< 0.005
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	0.000094	< 0.00008	< 0.00008	< 0.0001	0.00071	< 0.0001	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	0.0084	< 0.001	0.0014	0.0011	< 0.001	0.0028	0.0034	0.0036	0.0022	< 0.001	0.027	0.03	< 0.001	0.0015
Copper	0.03	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	0.0039	0.011	< 0.001	0.0014	0.0014	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0075	0.0031	0.0068	< 0.001	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	0.00022	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.00051	< 0.0001	< 0.0001	< 0.00005	< 0.00005
Molybdenum	0.07	ROI DWS	mg/l	0.022	0.0097	0.009	0.0067	0.011	0.021	0.01	0.0032	0.0036	0.003	0.033	0.014	0.021	0.022	0.011	0.012	0.0065	0.0054
Nickel	0.02	ROI IGV	mg/l	< 0.001	0.0049	< 0.001	< 0.001	0.006	< 0.001	< 0.001	0.0014	< 0.001	0.0014	0.0013	0.0013	0.0013	< 0.0001	0.035	0.0015	< 0.001	< 0.001
Selenium	0.01	ROI DWS	mg/l	0.016	0.0022	0.0029	0.0013	0.0015	0.042	0.036	0.03	0.049	< 0.001	0.003	< 0.001	0.0022	0.0024	0.0051	< 0.001	< 0.001	< 0.001
Zinc	0.1	ROI IGV	mg/l	0.0052	0.0053	0.0031	0.0028	0.0016	0.0044	0.0038	0.0071	0.0044	< 0.001	< 0.001	< 0.001	< 0.001	0.0037	0.15	< 0.0001	0.0038	0.0037
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE PARK	ALBERT COLLEGE	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION
			Location	ABH30i	ABH30i	ABH30i	ABH30i	ATP39i	ATP39i	NBH208	<250 ABH30	ABH32	ABH32	ABH32	ABH32	ABH33	ABH33	ABH33	ABH33	ABH33	ABH33
			Sample Date	27/01/2021	27/01/2021	02/02/2021	02/02/2021	09/02/2021	09/02/2021	25/11/2019	05/02/2021	08/12/2020	08/12/2020	08/12/2020	10/12/2020	08/12/2020	10/12/2020	10/12/2020	10/12/2020	14/12/2020	16/12/2020
			Top Depth (m)	2	5	13	28	0.5	1.5	0.5	21.9	0.5	1.5	2.5	14.5	0.5	2	3.6	4.5	10.5	26.5
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS							8.6											
Dissolved Organic Carbon			mg/l	3.9	14	2.3	2.1	7.9	14	13	2.8	6.9	2.8	4.2	8.8	13	3.7	4.5	4.8	5.2	4.7
Total Dissolved Solids	1000	ROI IGV	mg/l	55	100	37	46	78	72	130	35	59	48	49	35	72	78	35	46	25	78
Chloride	30	ROI IGV	mg/l	< 1	16	< 1	< 1	< 1	< 1	1.1	5.5	1.7	< 1	3.4	< 1	4.2	1.8	1.1	< 1	< 1	2.8
Fluoride	1	ROI IGV	mg/l	0.21	0.13	0.15	0.21	0.34	0.3	0.38	0.13	0.31	0.18	0.15	0.1	0.44	0.28	0.12	0.16	0.11	0.13
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	1.7	15	79	< 1	< 1	< 1	1.2	2.5	6.7	< 1	4	< 1	< 1	11	1.3	7.4	< 1	9.7
Antimony	0.005	ROI DWS	mg/l	< 0.001	< 0.001	< 0.001	0.0066	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0016	< 0.001	< 0.001	< 0.001	< 0.001	0.0056	0.0066
Arsenic	0.01	ROI IGV	mg/l	< 0.001	< 0.001	0.0019	0.0035	< 0.001	< 0.001	0.0013	< 0.001	< 0.001	< 0.001	0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0041	< 0.001
Barium	0.1	ROI IGV	mg/l	< 0.005	0.023	< 0.005	0.024	< 0.005	< 0.005	0.0031	0.0052	< 0.005	< 0.005	0.012	< 0.005	< 0.005	0.01	< 0.005	< 0.005	0.037	< 0.005
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.0001	< 0.00008	< 0.00008	< 0.00008	0.00011	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008
Chromium	0.03	ROI IGV	mg/l	< 0.001	0.0017	0.0016	< 0.001	< 0.001	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0017	< 0.001	< 0.001	0.013	< 0.001
Copper	0.03	ROI IGV	mg/l	< 0.001	0.0031	0.0014	< 0.001	< 0.001	< 0.001	0.0016	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0022	< 0.001	< 0.001	< 0.001	0.0097	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00005	< 0.00005	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.01	0.013	0.005	0.0029	0.005	0.0077	0.0013	< 0.001	0.0025	0.0033	0.011	0.0015	0.0051	0.0093	0.0044	0.014	0.0081	0.0083
Nickel	0.02	ROI IGV	mg/l	< 0.001	0.0018	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Selenium	0.01	ROI DWS	mg/l	< 0.001	0.006	< 0.001	0.0018	< 0.001	< 0.001	< 0.001	0.0031	< 0.001	< 0.001	0.005	0.0019	< 0.001	< 0.001	< 0.001	0.0073	0.0031	0.0086
Zinc	0.1	ROI IGV	mg/l	0.0013	0.0036	0.0016	0.0029	0.0016	0.0011	0.0054	0.021	< 0.001	< 0.001	0.0014	< 0.001	0.0013	0.0012	0.0016	< 0.001	0.0034	< 0.001
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.04	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PARK	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
			Location	NBH17	NBH211	NBH223	<250 BH04 (GII)	ABH37	ABH37	ABH37	ABH37	ABH37	ABH37	ABH38	ABH38	ABH38	ABH38	ABH38	ABH38	GBH01	GBH02
			Sample Date	23/04/2019	30/09/2019	03/12/2019	21/01/2018	26/11/2020	26/11/2020	27/11/2020	27/11/2020	30/11/2020	30/11/2020	11/02/2021	11/02/2021	12/02/2021	15/02/2021	16/02/2021	16/02/2021	18/05/2020	21/05/2020
			Top Depth (m)	1	0.5	0.5	1.5	0.5	1.5	4.5	5.5	10.5	22.1	0.5	15.2	24.3	29.1	2	4	0.5	2
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS	8.4	7.8	8.8														8.5	8.6
Dissolved Organic Carbon			mg/l	17	6.2	5.7	3	11	7	98	7.1	39	9.2	23	16	4	3.2	6.3	4.9	6.7	7
Total Dissolved Solids	1000	ROI IGV	mg/l	140	180	72	1140	91	59	120	110	48	27	64	49	59	120	72	62	160	160
Chloride	30	ROI IGV	mg/l	3.7	5.4	7.4	99	1.1	< 1	< 1	1.3	< 1	< 1	< 1	1.1	2.5	1.1	29	< 1	31	< 1
Fluoride	1	ROI IGV	mg/l	0.29	0.42	0.28	4	0.35	0.24	0.26	0.27	0.23	0.1	0.19	0.16	0.19	0.58	0.46	0.33	0.2	0.4
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	8.1	17	7.8	8.8	3.4	2.4	37	30	1.7	1.1	1.3	9.3	11	21	2.8	10	18	23
Antimony	0.005	ROI DWS	mg/l	< 0.001	0.0034	< 0.001	< 0.001	0.0011	< 0.001	0.0015	0.0014	< 0.001	< 0.001	0.0026	0.001	0.0088	0.0026	< 0.0005	< 0.0005	0.0031	< 0.001
Arsenic	0.01	ROI IGV	mg/l	< 0.001	0.0015	< 0.001	< 0.001	0.01	< 0.001	< 0.001	< 0.001	0.0011	< 0.001	0.0082	0.0066	0.0009	0.006	< 0.0002	< 0.0002	0.012	< 0.001
Barium	0.1	ROI IGV	mg/l	0.0055	0.012	0.014	0.04	< 0.005	< 0.005	0.03	0.038	0.0079	< 0.005	0.0068	< 0.005	< 0.005	0.0057	< 0.005	< 0.005	0.0057	0.011
Cadmium	0.005	ROI IGV	mg/l	< 0.0001	< 0.0001	0.00027	< 0.0001	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.0001	< 0.0001
Chromium	0.03	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002	0.00083	0.00057	< 0.0005	0.00057	< 0.0005	0.0015	< 0.001
Copper	0.03	ROI IGV	mg/l	0.0065	0.0049	< 0.001	< 0.001	0.0032	0.0011	< 0.001	< 0.001	0.0012	< 0.001	0.0028	0.0021	0.00091	0.0012	0.00064	< 0.0005	0.0038	0.0013
Lead	0.01	ROI IGV	mg/l	0.0011	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0067	0.0025	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.0001	< 0.0001	0.004	< 0.0001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0001	< 0.0001
Molybdenum	0.07	ROI DWS	mg/l	0.0057	0.0095	0.053	0.1	0.0045	0.011	0.0098	0.0078	0.0047	< 0.001	0.0023	0.0034	0.022	0.016	0.015	0.025	0.025	0.0056
Nickel	0.02	ROI IGV	mg/l	< 0.0001	0.0028	< 0.0001	< 0.0001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.00083	0.00091	0.0012	0.00054	< 0.0005	< 0.0005	< 0.0001	< 0.0001
Selenium	0.01	ROI DWS	mg/l	< 0.001	0.0016	0.0022	< 0.001	< 0.001	< 0.001	0.014	0.014	0.002	0.0061	< 0.0005	0.0008	0.09	0.00081	< 0.0005	0.0016	0.0017	0.0021
Zinc	0.1	ROI IGV	mg/l	< 0.0001	0.0096	0.0034	< 0.0001	0.0012	< 0.001	< 0.001	< 0.001	0.0029	< 0.001	0.0031	0.0039	< 0.0025	0.0035	< 0.0025	< 0.0025	< 0.0001	< 0.0001
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
			Location	GBH04	GBH05	GBH12	GBH13	GBH15	GBH18	GBH19	GBH29	GBH30	GBH32	GTP04	GTP04	GTP07	GTP09	GTP12	GTP20	GTP22	GTP23
			Sample Date	19/05/2020	09/07/2020	03/07/2020	27/07/2020	04/07/2020	01/07/2020	01/07/2020	02/07/2020	30/06/2020	30/06/2020	07/07/2020	07/07/2020	06/07/2020	06/07/2020	20/07/2020	01/07/2020	29/06/2020	01/07/2020
			Top Depth (m)	1	1.2	1.2	0.5	2	1	2	1.8	0.5	1	0.5	1	1	0.5	0.5	0.5	0.5	1
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS	8.3	8.4	9	8.3	8.6	8.5	8.3	8.2	8.5	8	8.3	8.7	8.3	8.3	8.7	9.3	8.4	8.5
Dissolved Organic Carbon			mg/l	7.6	5.6	37	4	31	3.4	4.9	3.7	3.8	10	51	38	34	37	32	9.9	4.6	10
Total Dissolved Solids	1000	ROI IGV	mg/l	140	230	440	340	230	230	250	180	110	170	270	230	200	180	160	210	250	270
Chloride	30	ROI IGV	mg/l	1.7	5.6	11	4.9	10	50	10	7.3	< 1	< 1	6.1	6.7	3.6	3.2	1.7	5.8	7.9	12
Fluoride	1	ROI IGV	mg/l	0.3	0.35	0.49	0.54	0.36	0.46	0.52	0.39	0.28	0.23	0.37	0.39	0.52	0.28	0.31	0.3	0.18	0.33
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	9.9	28	240	30	44	76	90	150	2.4	36	18	16	20	10	12	8.8	22	18
Antimony	0.005	ROI DWS	mg/l	0.0022	0.003	0.0048	< 0.001	< 0.001	0.0035	0.0016	0.0032	< 0.001	0.0053	< 0.001	0.001	< 0.001	< 0.001	< 0.001	0.0011	0.0032	0.0013
Arsenic	0.01	ROI IGV	mg/l	0.0037	0.0016	< 0.001	< 0.001	0.0013	0.0018	< 0.001	< 0.001	< 0.001	0.0037	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	0.0032	0.0012
Barium	0.1	ROI IGV	mg/l	0.0075	0.026	0.05	0.032	0.063	0.056	0.038	0.03	0.022	0.11	0.032	0.038	0.024	0.014	0.0081	0.024	0.12	0.034
Cadmium	0.005	ROI IGV	mg/l	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00012	< 0.0001	< 0.0001	< 0.0001	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium	0.03	ROI IGV	mg/l	0.0012	< 0.001	0.0013	< 0.001	0.0012	< 0.001	< 0.001	0.0036	< 0.001	< 0.001	0.0041	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001
Copper	0.03	ROI IGV	mg/l	0.0032	0.0047	0.0026	0.0035	0.0021	0.0055	0.0027	0.0032	< 0.001	0.0026	0.0052	0.0062	0.0032	0.0028	0.0044	0.026	0.0048	0.019
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0017	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Molybdenum	0.07	ROI DWS	mg/l	0.067	0.02	0.046	0.0096	0.032	0.02	0.019	0.028	0.02	0.037	0.011	0.023	0.0086	0.0036	0.0095	0.013	0.033	0.01
Nickel	0.02	ROI IGV	mg/l	< 0.0001	< 0.0001	0.0024	< 0.0001	< 0.0001	0.009	< 0.0001	0.003	< 0.0001	0.0045	0.003	< 0.0001	< 0.0001	< 0.0001	0.012	0.014	< 0.0001	0.013
Selenium	0.01	ROI DWS	mg/l	< 0.001	0.0033	0.073	0.0048	0.0012	0.022	0.47	0.071	< 0.001	0.0029	0.003	0.0033	0.004	0.0023	0.0019	0.0018	0.0025	0.002
Zinc	0.1	ROI IGV	mg/l	0.0012	0.0044	0.0082	0.0032	0.0025	0.012	0.0037	0.012	0.0017	0.0025	0.0041	0.024	< 0.0001	0.0014	0.0037	0.0072	0.0071	0.0072
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	GLASNEVIN STN	MATER STATION	MATER STATION	MATER STATION	MATER STATION
			Location	GTP24	GTP25	NBH19A	NBH20	TPCC12	<250 ABH35	<250 BH02A	<250 GBH06	<250 GBH09	<250 GBH11	<250 GBH11	<250 GBH11	<250 GTP16	<250 NBH18	ABH40	ABH40	ABH40	ABH40
			Sample Date	29/06/2020	30/06/2020	13/05/2019	09/05/2019	04/07/2020	09/02/2021	06/02/2018	22/05/2020	22/05/2020	10/06/2020	10/06/2020	10/06/2020	20/07/2020	08/05/2019	12/03/2021	15/03/2021	16/03/2021	18/03/2021
			Top Depth (m)	1	0.5	0.3	0.3	0.4	19	1	0.5	0.5	0.5	2	4	0.4	0.5	1	9.3	14.6	29.6
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS	8.6	8.3	8.2	8.7	8.3			8.7	8.4	8.1	9.4	8.5	8.6	8.2				
Dissolved Organic Carbon			mg/l	6	19	20	9.5	5.3	2.9	3	4.1	6.8	7.7	4	3.9	23	6.9	7.1	3.9	3.9	5.2
Total Dissolved Solids	1000	ROI IGV	mg/l	200	330	310	140	290	53	930	140	160	200	150	270	280	130	39	85	56	120
Chloride	30	ROI IGV	mg/l	10	33	5.3	4.5	12	< 1	6	6.2	5.8	4.6	5.4	32	7.1	3.8	< 1	2.2	< 1	11
Fluoride	1	ROI IGV	mg/l	0.32	0.28	0.34	0.42	0.38	0.15	< 0.1	0.54	0.94	0.74	0.34	0.42	0.33	0.54	0.12	0.25	0.43	0.15
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	22	99	120	23	96	< 1	72.5	12	3.2	40	33	120	14	9.1	< 1	33	4.5	47
Antimony	0.005	ROI DWS	mg/l	0.001	0.0018	0.0035	< 0.001	0.0023	< 0.001	< 0.001	< 0.001	0.0015	0.0033	< 0.001	0.0023	0.0018	0.0021	< 0.0005	0.00086	< 0.0005	0.032
Arsenic	0.01	ROI IGV	mg/l	0.0023	0.0032	0.0039	0.0057	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0041	0.00047	0.00059	0.0011	0.0041
Barium	0.1	ROI IGV	mg/l	0.052	0.029	0.021	0.0064	0.052	< 0.005	0.04	0.0065	0.0075	0.011	0.0092	0.031	0.034	0.0082	< 0.005	0.03	0.014	0.012
Cadmium	0.005	ROI IGV	mg/l	0.00017	< 0.0001	0.00012	< 0.0001	< 0.0001	< 0.00008	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Chromium	0.03	ROI IGV	mg/l	0.0015	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0021	< 0.001	0.001	0.0012	< 0.001	< 0.001	0.0061	< 0.0005	< 0.0005	0.00055	< 0.0005
Copper	0.03	ROI IGV	mg/l	0.0038	0.02	0.0022	< 0.001	0.0048	< 0.001	< 0.001	0.0016	0.0046	0.002	< 0.001	0.0012	0.0023	< 0.001	0.00085	0.00053	0.0014	0.00071
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	0.001	ROI IGV	mg/l	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0005	< 0.00001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.061	0.01	0.11	0.011	0.036	0.007	0.08	0.0055	0.018	0.011	0.0054	0.025	0.006	0.061	0.0014	0.0077	0.0091	0.0065
Nickel	0.02	ROI IGV	mg/l	< 0.0001	0.0027	0.0015	< 0.0001	0.0013	< 0.001	0.02	< 0.0001	0.0012	< 0.0001	< 0.0001	0.0011	< 0.0001	< 0.0001	< 0.0005	0.0011	0.00097	0.0021
Selenium	0.01	ROI DWS	mg/l	0.0028	0.0033	0.0036	< 0.001	0.023	0.0013	< 0.001	< 0.001	< 0.001	0.0032	0.0018	0.093	< 0.001	0.001	< 0.0005	0.01	0.0028	0.0064
Zinc	0.1	ROI IGV	mg/l	0.0026	0.012	0.0064	< 0.0001	0.0065	0.0037	< 0.0001	0.024	0.0061	0.0027	0.0017	0.0076	< 0.0001	< 0.0001	< 0.0025	0.0061	0.006	0.0043
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.03	0.97	0.26	< 0.03	< 0.03	< 0.03	0.037	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION	MATER STATION <250	MATER STATION <250	MATER STATION <250	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION
			Location	ABH40A	ABH41	ABH41	ABH41	ABH41	ABH41	NBH21	NBH215	NBH216A	NBH216A	ABH39	NBH214	NBH217	ABH45	ABH45	ABH45	ABH45	ABH45
			Sample Date	30/04/2021	01/12/2020	01/12/2020	07/12/2020	07/12/2020	10/12/2020	30/04/2019	12/11/2019	30/10/2019	30/10/2019	01/03/2021	01/11/2019	22/10/2019	14/12/2020	14/12/2020	14/12/2020	15/12/2020	16/03/2021
			Top Depth (m)	2.3	0.5	1.5	13	18.2	26.5	1	0.5	0.25	0.6	23.7	0.5	0.6	3.5	4.5	5.5	12.5	0.5
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS							8.5	9.4	8.7	8.6		9.8	8.9					
Dissolved Organic Carbon			mg/l	13	23	4.4	10	4.7	8.6	5.5	18	44	22	4.8	12	13	16	7.2	2.9	4.3	5.3
Total Dissolved Solids	1000	ROI IGV	mg/l	38	78	72	91	100	36	180	200	78	130	32	160	250	98	51	98	39	98
Chloride	30	ROI IGV	mg/l	3	< 1	< 1	< 1	< 1	3.7	38	41	4.4	4.1	< 1	6.2	53	9.4	1.4	1.8	1.2	3
Fluoride	1	ROI IGV	mg/l	0.097	0.35	0.24	0.22	0.17	0.11	0.14	0.7	0.28	0.39	0.11	0.93	0.39	0.23	0.12	0.14	0.13	0.21
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	< 1	4.6	1.1	1.9	3.7	< 1	9.8	72	6.4	7.5	< 1	71	68	22	4.8	4.2	< 1	37
Antimony	0.005	ROI DWS	mg/l	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0011	0.0018	0.002	0.0011	0.0038	0.0019	0.001	< 0.001	< 0.001	< 0.001	0.0035
Arsenic	0.01	ROI IGV	mg/l	< 0.0002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.011	0.0073	0.0019	0.0016	0.0099	0.0049	0.012	0.0041	0.0011	< 0.001	0.0041
Barium	0.1	ROI IGV	mg/l	< 0.005	0.0061	< 0.005	0.018	0.077	< 0.005	0.0018	0.012	0.0053	0.0089	< 0.005	0.012	0.0044	0.005	< 0.005	0.0053	< 0.005	0.013
Cadmium	0.005	ROI IGV	mg/l	< 0.00011	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.0001	0.00037	< 0.0001	< 0.0001	< 0.00011	0.00018	0.00012	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00011
Chromium	0.03	ROI IGV	mg/l	0.0038	0.002	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.011	< 0.001	0.0019	< 0.0005	< 0.001	0.037	0.012	0.011	0.0049	< 0.001	0.0069
Copper	0.03	ROI IGV	mg/l	0.00054	0.0016	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.014	< 0.001	0.0018	0.00057	0.0042	0.005	0.002	< 0.001	< 0.001	< 0.001	0.0015
Lead	0.01	ROI IGV	mg/l	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0016	< 0.001	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0014
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.00001	< 0.0001	< 0.0001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.0006	0.0031	0.0063	0.0054	0.0026	< 0.001	0.0051	0.15	0.0043	0.016	0.0041	0.07	0.054	0.02	0.01	0.013	< 0.001	0.0024
Nickel	0.02	ROI IGV	mg/l	0.0013	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	0.0031	< 0.0001	< 0.001	< 0.0005	< 0.0001	< 0.0001	0.0011	< 0.001	< 0.001	< 0.001	< 0.0005
Selenium	0.01	ROI DWS	mg/l	< 0.0005	< 0.001	< 0.001	0.0012	0.0081	< 0.001	< 0.001	0.013	0.0021	< 0.001	0.014	0.0018	0.0029	0.0019	< 0.001	< 0.001	< 0.001	0.00062
Zinc	0.1	ROI IGV	mg/l	< 0.0025	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	0.0084	0.0027	0.0023	< 0.0025	0.0054	< 0.0001	0.0044	0.0017	0.0044	< 0.001	0.004
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.075	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.032	< 0.03	0.037

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION
			Location	ABH45	ABH45	ABH45A	ABH45A	ABH46	ABH46	ABH46	ABH46	ABH46	ABH46	ATP47	ATP47	NBH22	NBH23A	NBH24	NBH304	NBH302	ABH45
			Sample Date	16/03/2021	16/03/2021	19/03/2021	19/03/2021	19/03/2021	23/03/2021	23/03/2021	23/03/2021	23/03/2021	23/03/2021	19/03/2021	19/03/2021	20/05/2019	20/05/2019	23/05/2019	05/11/2019	08/11/2019	03/12/2020
			Top Depth (m)	3	10.5	15.5	22	1.5	2.5	4.6	14	20	29.8	0.2	2.2	0.7	0.5	1	0.5	0.5	1
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS													11.4	9.7	8.4	10.8	8.5	
Dissolved Organic Carbon			mg/l	6.5	2.5	3.4	3.6	5.6	12	9.3	9.6	10	2	6.6	4.2	0	0	0	14	10	6.6
Total Dissolved Solids	1000	ROI IGV	mg/l	110	36	64	48	72	65	72	78	110	410	620	110	980	910	330	420	140	200
Chloride	30	ROI IGV	mg/l	7.4	< 1	3.7	3.2	2.6	6.7	< 1	4.4	11	2	1	1.4	13	7.1	6.2	2	2.2	< 1
Fluoride	1	ROI IGV	mg/l	0.3	0.23	0.25	0.14	0.11	0.12	0.22	0.26	0.28	0.2	0.23	0.17	0.29	0.4	0.13	0.15	2.2	0.25
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	29	< 1	5.8	6.2	15	3.6	7.3	12	24	230	20	39	35	790	120	190	17	70
Antimony	0.005	ROI DWS	mg/l	0.0021	< 0.0005	< 0.0005	0.0021	0.0014	0.0011	< 0.0005	0.0012	0.028	< 0.0005	0.003	0.0074	< 0.001	0.0044	0.0021	< 0.001	< 0.001	0.0027
Arsenic	0.01	ROI IGV	mg/l	0.0043	0.0003	0.0031	0.00052	0.075	0.011	0.00037	0.00057	0.005	< 0.0002	0.0012	0.0023	< 0.001	0.003	0.0053	0.0015	0.0014	0.0023
Barium	0.1	ROI IGV	mg/l	0.0055	< 0.005	0.0099	0.032	< 0.005	< 0.005	0.01	0.019	< 0.005	0.026	0.069	0.019	0.035	0.023	0.0096	0.018	0.0047	0.017
Cadmium	0.005	ROI IGV	mg/l	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00008
Chromium	0.03	ROI IGV	mg/l	0.0047	< 0.0005	< 0.0005	< 0.0005	0.0016	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.013	0.016	0.0078	0.072	0.0074	0.0018	0.003	< 0.001	0.0027
Copper	0.03	ROI IGV	mg/l	0.0022	< 0.0005	0.0021	< 0.0005	0.0014	0.002	< 0.0005	< 0.0005	< 0.0005	0.00076	0.057	0.0026	0.0086	< 0.001	< 0.001	0.0029	0.001	0.0014
Lead	0.01	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0013	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0017	< 0.001	< 0.001	< 0.001	< 0.001	0.0012
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	0.000024	< 0.00001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00001
Molybdenum	0.07	ROI DWS	mg/l	0.039	0.0076	0.0048	0.0072	0.0047	0.0053	0.013	0.011	0.02	0.0054	0.0034	0.003	0.011	0.023	0.033	0.0053	0.015	< 0.001
Nickel	0.02	ROI IGV	mg/l	0.00064	< 0.0005	0.00058	0.00075	0.00053	< 0.0005	< 0.0005	< 0.0005	0.00055	< 0.0005	0.0045	0.00087	0.0023	0.0011	< 0.0001	< 0.0001	< 0.0001	< 0.001
Selenium	0.01	ROI DWS	mg/l	0.0023	< 0.0005	0.00092	0.011	0.00079	< 0.0005	0.00072	0.014	0.011	0.0026	0.001	< 0.0005	0.001	0.0021	0.0025	< 0.001	0.0016	< 0.001
Zinc	0.1	ROI IGV	mg/l	0.0036	0.0042	0.0043	0.0044	0.004	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	0.005	0.0047	0.001	0.0095	< 0.0001	0.008	0.001	< 0.001
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	0.043	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	0.04	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

				Works Area	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION
				Location	ABH49	ABH49	ABH49	ABH49	ABH49	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50	ABH50	NBH25	NBH26CA	NBH27
				Sample Date	17/02/2021	17/02/2021	19/02/2021	19/02/2021	22/02/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	02/03/2021	04/03/2021	04/03/2021	05/03/2021	11/06/2019	03/07/2019	06/08/2019
				Top Depth (m)	0.35	0.85	3	4.5	17.7	1.5	2	3	3.5	4	4.5	6	8.3	13.5	23.5	1.2	1	1
Analyte	Controlled Waters GAC	Source	Units																			
pH	6.5 - 9.5	ROI IGV	pH UNITS																	8.5	8.2	8
Dissolved Organic Carbon			mg/l	3.4	3.9	10	3.4	6.8	5.3	4.6	8.9	5.1	18	4.1	4.5	5.7	4	3.2	2.7	6.7	6.5
Total Dissolved Solids	1000	ROI IGV	mg/l	59	1400	910	300	100	85	170	98	98	150	55	300	91	46	110	310	230	230
Chloride	30	ROI IGV	mg/l	8.8	27	320	100	12	< 1	< 1	2.5	15	15	1.3	91	1.5	1.6	6	9.5	1.7	120
Fluoride	1	ROI IGV	mg/l	0.16	0.11	0.12	0.17	0.32	4.5	0.14	0.11	0.15	0.29	0.56	0.16	0.34	0.6	0.38	0.13	0.15	0.21
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	10	1500	150	26	8	6.5	51	5.8	11	14	5	24	< 1	7.5	< 1	120	97	58
Antimony	0.005	ROI DWS	mg/l	0.0026	0.034	0.021	0.0036	0.022	0.0043	0.0082	0.008	0.0018	0.0043	0.00077	0.0076	0.0049	0.0096	0.015	0.002	0.0024	0.0053
Arsenic	0.01	ROI IGV	mg/l	0.097	0.0015	0.0059	0.0027	0.027	0.0089	0.0042	0.012	0.0097	0.0036	0.0069	0.0033	0.01	0.0054	0.00096	0.003	0.007	0.0039
Barium	0.1	ROI IGV	mg/l	0.03	0.026	0.013	< 0.005	< 0.005	< 0.005	0.0082	< 0.005	< 0.005	0.0069	< 0.005	0.006	< 0.005	< 0.005	0.039	0.011	0.0026	0.022
Cadmium	0.005	ROI IGV	mg/l	< 0.00011	0.00035	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.0001	< 0.0001	< 0.0001
Chromium	0.03	ROI IGV	mg/l	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0011	0.0036	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.00052	< 0.0005	0.0042	< 0.0005	< 0.0005	< 0.001	0.002	< 0.001
Copper	0.03	ROI IGV	mg/l	0.00065	0.0024	0.0011	< 0.0005	0.00051	0.0032	0.0014	0.0012	0.0025	0.00073	< 0.0005	< 0.0005	0.0036	< 0.0005	< 0.0005	< 0.001	< 0.001	0.0024
Lead	0.01	ROI IGV	mg/l	< 0.0005	0.0017	0.00076	< 0.0005	< 0.0005	0.0035	0.00054	0.0027	0.00063	0.00069	< 0.0005	< 0.0005	0.0024	< 0.0005	< 0.0005	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	0.000022	< 0.00001	< 0.00001	< 0.00001	0.000014	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0001	< 0.0001	< 0.0001
Molybdenum	0.07	ROI DWS	mg/l	0.0059	0.0023	0.11	0.008	0.0069	0.002	0.052	0.045	0.0013	0.045	0.0059	0.009	0.0019	0.0023	0.018	0.06	0.082	0.046
Nickel	0.02	ROI IGV	mg/l	< 0.0005	0.0029	0.0021	0.00052	0.0016	0.013	0.0017	0.00079	0.0069	0.0019	0.0022	0.002	0.014	< 0.0005	0.00098	< 0.0001	< 0.0001	0.0042
Selenium	0.01	ROI DWS	mg/l	< 0.0005	0.001	0.00069	0.00064	0.0048	0.0014	0.0011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0016	0.00072	0.0038	0.062	0.0034	0.0034	0.0026
Zinc	0.1	ROI IGV	mg/l	< 0.0025	0.014	< 0.0025	< 0.0025	< 0.0025	0.0084	< 0.0025	0.0033	0.0044	0.0051	< 0.0025	< 0.0025	0.0093	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.0034
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	TARA STATION	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	TARA STATION <250	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN
			Location	NBH64	ABH48	ABH48	ABH48	ABH48	ABH48	ABH48	ABH52	ABH52	ABH52	ABH52	ABH52	ABH52	ABH52	ABH53	ABH53	ABH53	ABH53
			Sample Date	06/08/2019	12/02/2021	15/02/2021	15/02/2021	15/02/2021	16/02/2021	17/02/2021	17/11/2021	17/11/2021	25/11/2021	26/11/2021	30/11/2021	30/11/2021	18/11/2020	09/11/2021	09/11/2021	17/11/2021	17/11/2021
			Top Depth (m)	1	0.5	2	4.5	6	7.9	26.1	0.45	1	4.5	7.7	21.5	25.5	22.4	0.74	1.5	4	7.1
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS	8.1																	
Dissolved Organic Carbon			mg/l	6.5	15	3.1	3.7	< 2	21	2.1	12	< 2.5	2.8	3	< 2.5	2.8	< 2.5	3.7	5.2	2.9	< 2.5
Total Dissolved Solids	1000	ROI IGV	mg/l	230	85	140	170	91	200		65	47	78	72			78	180	78	72	38
Chloride	30	ROI IGV	mg/l	17	< 1	1.2	47	15	60		< 1	1.1	3.8	2.1			3.5	1.6	2.5	< 1	< 1
Fluoride	1	ROI IGV	mg/l	0.16	0.18	0.65	0.11	0.1	0.16	0.14	0.35	0.22	0.38	0.28	0.22	0.19	0.22	0.36	0.33	0.22	0.16
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	36	19	26	22	9.2	14		1	3.6	14	14			5.8	93	2	22	1.9
Antimony	0.005	ROI DWS	mg/l	0.0072	0.0095	0.0023	< 0.0005	0.001	0.0035	0.002	< 0.0005	< 0.0005	0.0006	0.0012	0.02	0.02	0.01	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Arsenic	0.01	ROI IGV	mg/l	0.019	0.0069	0.0054	0.0027	0.00079	0.00083	0.0014	< 0.0002	0.0006	0.0005	0.0002	0.001	0.0006	0.01	< 0.0002	< 0.0002	< 0.0002	0.0005
Barium	0.1	ROI IGV	mg/l	0.025	0.022	0.0053	< 0.005	< 0.005	< 0.005	0.005	0.01	0.01	0.03	0.01	0.01	0.22	0.01	< 0.01	< 0.01	0.01	0.01
Cadmium	0.005	ROI IGV	mg/l	< 0.0001	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Chromium	0.03	ROI IGV	mg/l	< 0.001	0.0059	< 0.0005	0.0013	< 0.0005	0.00053	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0012	0.0008	< 0.0005	< 0.0005
Copper	0.03	ROI IGV	mg/l	0.0025	0.0037	0.0013	0.00079	< 0.0005	0.0011	< 0.0005	< 0.0005	0.0006	0.0012	0.0009	0.0005	< 0.0005	0.0008	0.0009	0.0011	0.0008	< 0.0005
Lead	0.01	ROI IGV	mg/l	< 0.001	0.062	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	0.001	ROI IGV	mg/l	< 0.0001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00005	0.00035	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.00022
Molybdenum	0.07	ROI DWS	mg/l	0.037	0.0014	0.01	0.0017	0.0026	0.0036	0.0027	0.02	0.0035	0.01	0.02	0.01	0.0044	0.0029	0.0033	0.01	0.01	0.002
Nickel	0.02	ROI IGV	mg/l	0.0025	0.00057	< 0.0005	0.001	0.00079	0.0008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0006	0.0005	< 0.0005	< 0.0005
Selenium	0.01	ROI DWS	mg/l	0.0013	< 0.0005	0.00062	0.0011	0.00057	0.0036	0.0021	< 0.0005	0.0028	0.02	0.07	0.01	0.01	0.01	0.0019	< 0.0005	0.01	0.0023
Zinc	0.1	ROI IGV	mg/l	0.0011	< 0.0025	< 0.0025	< 0.0025	0.0053	< 0.0025	< 0.0025	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	< 0.003	0.01	0.003	< 0.003	< 0.003
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	ST STEPHEN'S <250	CHARLEMONT STATION
			Location	ABH53	ABH54	ABH54	ABH54	ABH54	ABH54	ABH54	ATP51WS	ATP51WS	ATP52WS	ATP52WSA	NBH219	NBH219B	ABH55	NBH106	NBH107	NBH220	ABH56
			Sample Date	17/11/2021	09/11/2021	09/11/2021	22/11/2021	23/11/2021	23/11/2021	24/11/2021	09/11/2021	09/11/2021	09/11/2021	09/11/2021	19/11/2019	11/11/2019	22/03/2021	08/07/2019	10/07/2019	19/11/2019	27/01/2021
			Top Depth (m)	10.7	0.5	2	3.2	9	19	31	0.5	1.4	0.5	2.4	0.5	0.5	23	1	0.5	0.5	25.5
Analyte	Controlled Waters GAC	Source	Units																		
pH	6.5 - 9.5	ROI IGV	pH UNITS												9.3	9.4		8.6	11.7	8.8	
Dissolved Organic Carbon			mg/l	< 2.5	13	7.4	2.6	< 2.5	2.7	< 2.5	13	5	11	16	11	8.8	6.1	6.3	20	10	3.9
Total Dissolved Solids	1000	ROI IGV	mg/l	35	72	98	65	65	55	30	100	41	78	78	160	140	48	120	180	200	98
Chloride	30	ROI IGV	mg/l	< 1	< 1	1.4	< 1	3.2	2.1	< 1	2.2	< 1	1.6	1.1	19	14	2.8	6.7	29	31	< 1
Fluoride	1	ROI IGV	mg/l	0.16	0.68	0.85	0.31	0.18	0.22	0.09	1.8	0.22	0.38	0.74	0.47	0.36	0.14	0.62	0.56	0.47	0.16
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	2.6	< 1	1.9	7.6	15	8.7	1.7	< 1	1.4	3.8	< 1	65	56	3.4	12	49	33	18
Antimony	0.005	ROI DWS	mg/l	< 0.0005	0.0019	0.0003	< 0.0005	0.02	0.01	0.001	0.004	< 0.0005	0.0007	0.0008	0.0027	0.0052	0.011	0.0012	0.0021	0.0018	0.023
Arsenic	0.01	ROI IGV	mg/l	0.0005	0.01	0.0003	< 0.0002	0.0013	0.01	0.0006	0.0041	0.0013	0.0008	0.001	0.011	0.0064	0.0039	0.0021	0.0014	0.0069	0.0028
Barium	0.1	ROI IGV	mg/l	0.01	0.01	0.01	0.01	0.01	0.02	0.4	0.02	0.01	< 0.01	< 0.01	0.0095	0.0067	< 0.005	0.0036	0.025	0.0065	0.0062
Cadmium	0.005	ROI IGV	mg/l	< 0.00011	< 0.00011	0.00021	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	0.00023	0.00016	< 0.00011	< 0.0001	< 0.0001	0.00016	< 0.00008
Chromium	0.03	ROI IGV	mg/l	< 0.0005	0.0016	0.0012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0013	0.0009	0.0009	0.0011	0.0028	0.005	< 0.0005	< 0.001	< 0.001	0.002	< 0.001
Copper	0.03	ROI IGV	mg/l	0.0006	0.01	0.0027	0.0006	0.0006	< 0.0005	0.0005	0.01	0.0011	0.0032	0.0031	0.0068	0.0067	< 0.0005	< 0.001	< 0.001	0.0038	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.0005	0.0043	0.0012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.01	< 0.0005	0.0009	0.0006	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	0.00016	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.0014	< 0.0001	< 0.00001	< 0.0001	< 0.0001	< 0.0001	< 0.00005
Molybdenum	0.07	ROI DWS	mg/l	0.0018	0.01	0.01	0.02	0.01	0.003	0.001	0.0026	< 0.0002	0.01	0.02	0.14	0.12	0.0063	0.05	0.0053	0.062	0.013
Nickel	0.02	ROI IGV	mg/l	< 0.0005	0.0018	0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0019	< 0.0005	0.0013	0.0013	0.0016	0.0016	< 0.0005	< 0.0001	< 0.0001	< 0.0001	0.0025
Selenium	0.01	ROI DWS	mg/l	0.0025	0.0005	< 0.0005	0.01	0.01	0.01	0.0007	0.0007	< 0.0005	0.001	0.0008	0.0047	0.0024	0.0042	< 0.001	0.0012	0.0016	0.0067
Zinc	0.1	ROI IGV	mg/l	< 0.003	0.01	0.003	< 0.003	< 0.003	< 0.003	< 0.003	0.01	0.003	0.003	0.003	0.01	0.0016	< 0.0025	< 0.0001	< 0.0001	< 0.0001	0.0037
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION
			Location	ABH57	ABH57	ABH57	ABH57
			Sample Date	22/01/2021	22/01/2021	22/01/2021	22/01/2021
			Top Depth (m)	2.4	4.5	5.5	15.5
Analyte	Controlled Waters GAC	Source	Units				
pH	6.5 - 9.5	ROI IGV	pH UNITS				
Dissolved Organic Carbon			mg/l	3.3	3.2	2.6	2.2
Total Dissolved Solids	1000	ROI IGV	mg/l	100	100	61	40
Chloride	30	ROI IGV	mg/l	1.5	< 1	1.5	< 1
Fluoride	1	ROI IGV	mg/l	0.27	0.26	0.15	0.15
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	39	42	17	1.3
Antimony	0.005	ROI DWS	mg/l	0.0047	0.0013	0.0081	0.0076
Arsenic	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	0.0013
Barium	0.1	ROI IGV	mg/l	0.023	0.019	0.0056	< 0.005
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00008	0.00033	< 0.00008
Chromium	0.03	ROI IGV	mg/l	0.0013	0.001	< 0.001	< 0.001
Copper	0.03	ROI IGV	mg/l	< 0.001	< 0.001	0.002	< 0.001
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00005	< 0.00005	< 0.00005	< 0.00005
Molybdenum	0.07	ROI DWS	mg/l	0.012	0.011	0.0099	0.0023
Nickel	0.02	ROI IGV	mg/l	< 0.001	< 0.001	0.0046	< 0.001
Selenium	0.01	ROI DWS	mg/l	0.015	0.014	0.051	0.0054
Zinc	0.1	ROI IGV	mg/l	0.01	0.0049	0.0053	0.0038
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX	Exceedance of Controlled Waters GAC

Project Name: Dublin Metrolink
Works Area: AZ-4
Sample Date: 21/01/2018 - 30/11/2021

			Works Area	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STATION	CHARLEMONT STN	CHARLEMONT STN
			Location	ABH58	ABH59	ATP54	ATP54	ATP54	ATP55	ATP55	ATP55	ATP55	NBH29	NBH30A	NBH31	<250 NBH110	<250 NBH222
			Sample Date	02/02/2021	10/03/2021	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	29/03/2019	14/03/2019	14/03/2019	23/07/2019	06/01/2020
			Top Depth (m)	28.5	22.2	2	2.9	3.5	1	1.5	2.5	3.5	0.5	0.5	1	0.5	0.3
Analyte	Controlled Waters GAC	Source	Units														
pH	6.5 - 9.5	ROI IGV	pH UNITS										9.2	8.2	8	11.5	9.8
Dissolved Organic Carbon			mg/l	2.4	2.9	13	6.8	7.1	4.1	5.1	6.9	3.9	19	3.4	2.7	13	10
Total Dissolved Solids	1000	ROI IGV	mg/l	61	150	85	57	98	140	98	59	78	190	160	120	3600	180
Chloride	30	ROI IGV	mg/l	3.1	2.7	3.4	2.8	4.4	1.3	1.2	1.8	3.5	45	4.4	1.7	19	12
Fluoride	1	ROI IGV	mg/l	0.28	0.3	0.25	0.37	0.3	0.5	0.28	0.24	0.47	0.31	0.59	0.63	0.56	0.72
Sulphate (2:1 Water Soluble) as SO4	200	ROI IGV	mg/l	7.9	53	11	2.3	40	50	18	2.2	20	49	14	11	10	75
Antimony	0.005	ROI DWS	mg/l	0.042	0.0099	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.002	0.024	0.0013	0.035
Arsenic	0.01	ROI IGV	mg/l	0.0091	0.00052	< 0.001	< 0.001	0.0013	0.0028	< 0.001	0.0011	0.001	0.003	0.008	0.002	< 0.001	0.0037
Barium	0.1	ROI IGV	mg/l	0.0067	0.011	< 0.005	< 0.005	< 0.005	0.032	< 0.005	< 0.005	< 0.005	0.0043	0.0098	0.0049	0.34	0.013
Cadmium	0.005	ROI IGV	mg/l	< 0.00008	< 0.00011	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.00008	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium	0.03	ROI IGV	mg/l	< 0.001	< 0.0005	< 0.001	< 0.001	0.0018	0.0055	0.0042	0.0048	0.005	< 0.001	< 0.001	< 0.001	0.042	< 0.001
Copper	0.03	ROI IGV	mg/l	< 0.001	< 0.0005	< 0.001	< 0.001	< 0.001	0.0013	< 0.001	< 0.001	< 0.001	< 0.001	0.0025	0.0013	0.02	0.0028
Lead	0.01	ROI IGV	mg/l	< 0.001	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	0.001	ROI IGV	mg/l	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.0001	< 0.0001	< 0.0001	0.0013	< 0.0001
Molybdenum	0.07	ROI DWS	mg/l	0.011	0.01	0.013	0.019	0.014	0.0098	0.0053	0.0064	0.021	< 0.001	0.0083	0.0099	0.015	0.015
Nickel	0.02	ROI IGV	mg/l	0.0015	0.0037	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.0001	< 0.0001	< 0.0001	0.0071	< 0.0001
Selenium	0.01	ROI DWS	mg/l	0.012	0.0023	0.0022	< 0.001	0.0016	< 0.001	< 0.001	< 0.001	0.0065	0.001	0.0019	< 0.001	0.0028	0.0024
Zinc	0.1	ROI IGV	mg/l	0.0013	0.0051	< 0.001	< 0.001	< 0.001	0.0013	< 0.001	< 0.001	< 0.001	0.0032	< 0.0001	< 0.0001	< 0.0001	0.0088
Phenols	0.0005	ROI IGV	mg/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03

Comments
GAC - Generic Assessment Criteria
(blank) - no assessment criteria available
mg/l - milligrams per litre

ROI DWS - Drinking Water Standards
ROI IGV - Interim Guidline Values

Key

XXX Exceedance of Controlled Waters GAC

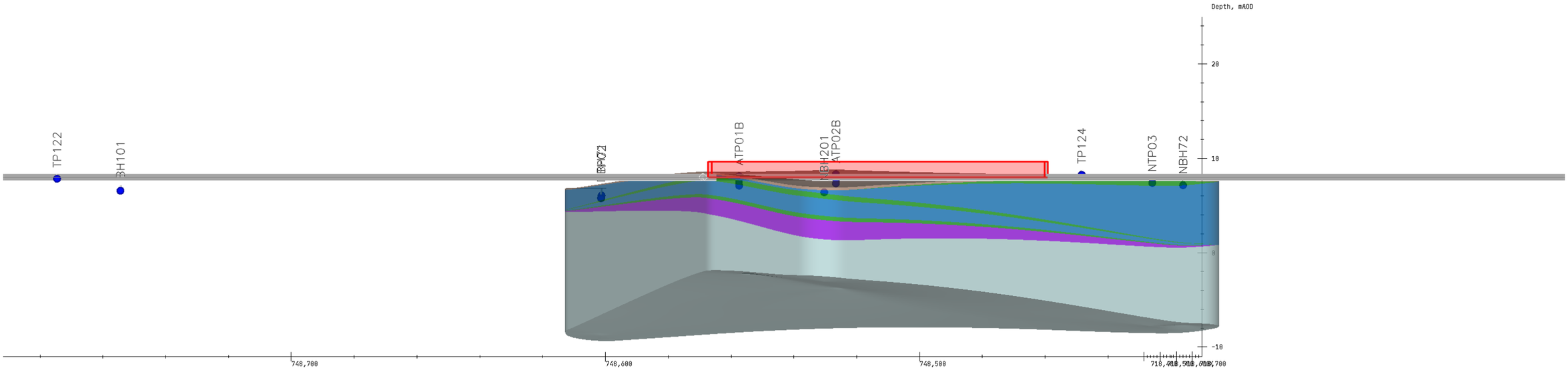
Appendix I. Geological Models: Stations

The geological and soil geochemical screening information has been incorporated into models using Earth Volumetric Studio (EVS) 3D modelling software (C Tech Development Corporation, Earth Volumetric Studio Version 2020.12, licensed for use by Jacobs). The observed geology from GI locations has been interpolated by EVS using statistical kriging to determine the vertical extents of each stratigraphic layer. The result of the screening of soil geochemical data against residential GAC have been included within the models to allow 3D characterisation of the geochemical data within the sub-surface. The sections presented within this Appendix are a 2D representation of a 3D model.

N

Estuary Station

S



Geology

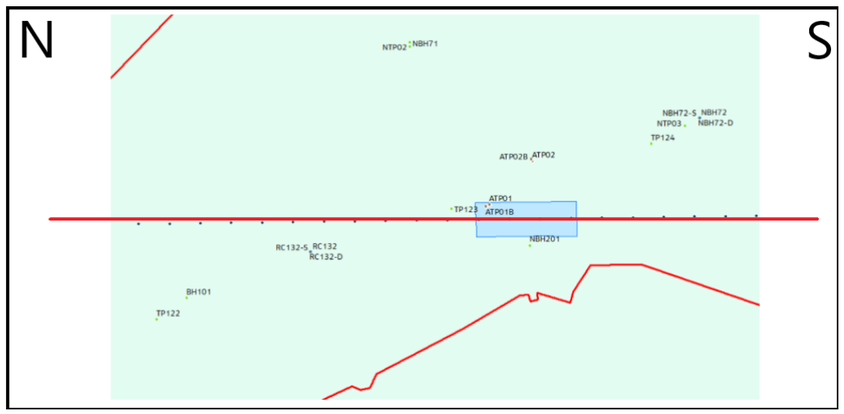
- Topsoil
- Superficial - Cohesive
- Superficial - Granular
- Mudstone
- Limestone

Exceedance Flag

- Below GAC

Indicative proposed station box

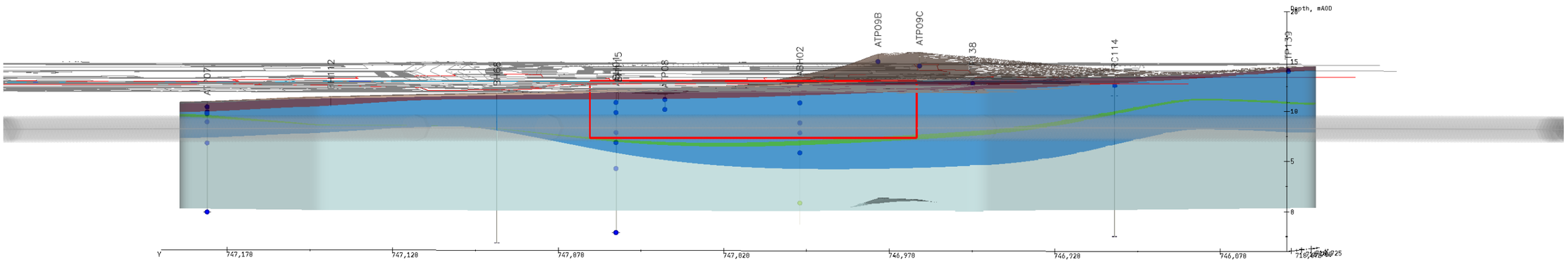
Proposed tunnel



N

Seatown Station

S



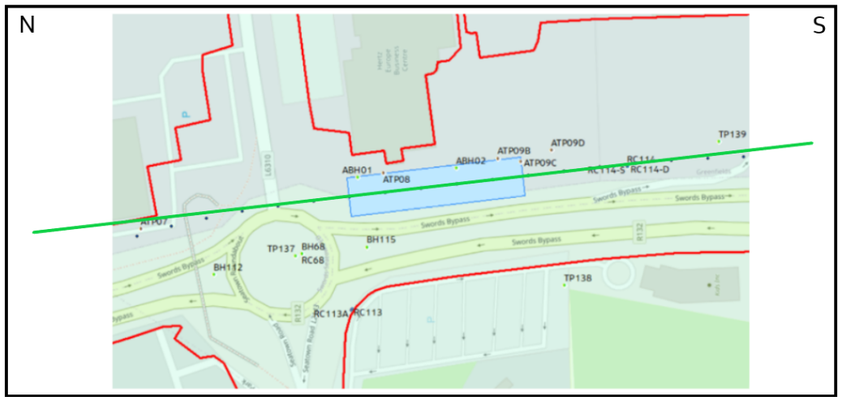
Geology

- Topsoil
- Tarmac
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Limestone

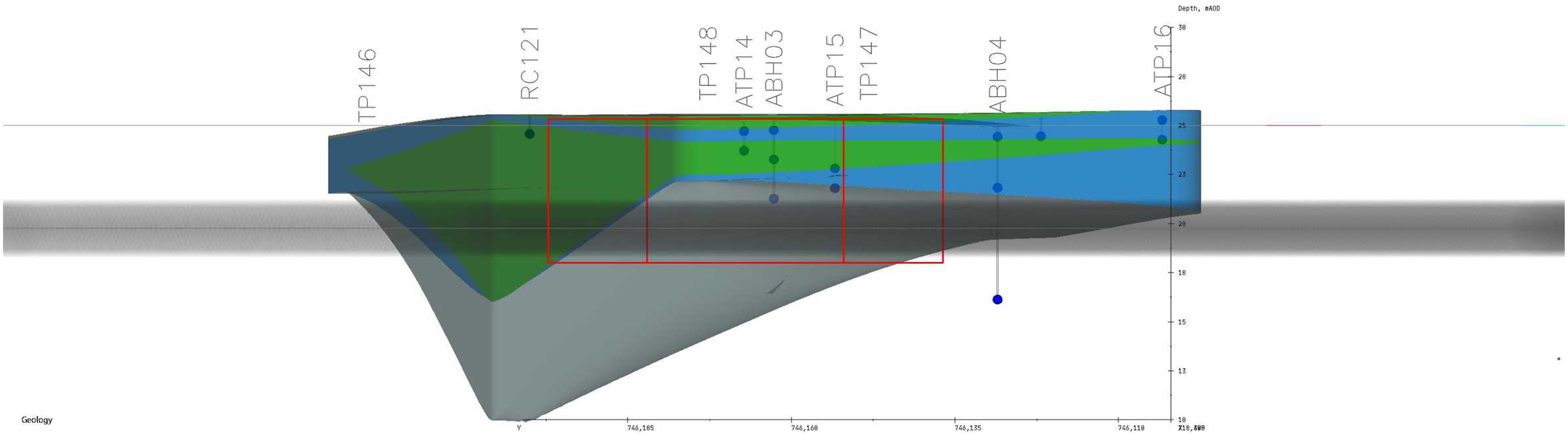
Exceedance Flag

- Exceedance of HH Residential GAC
- Below GAC

- Indicative proposed station box
- Proposed cutting



N Swords Central Station S



Geology

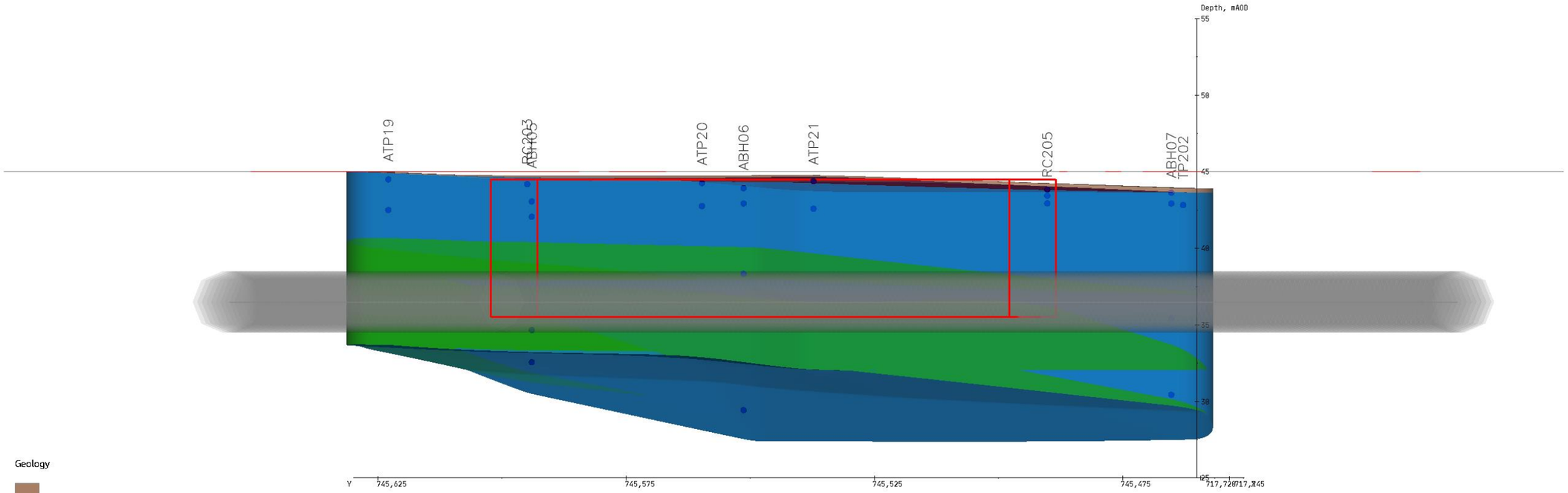
- Topsoil
- Tarmac
- Concrete
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Limestone

Exceedance Flag

- Below GAC

- Indicative proposed station box
- Proposed cutting

N Fostertown Station S

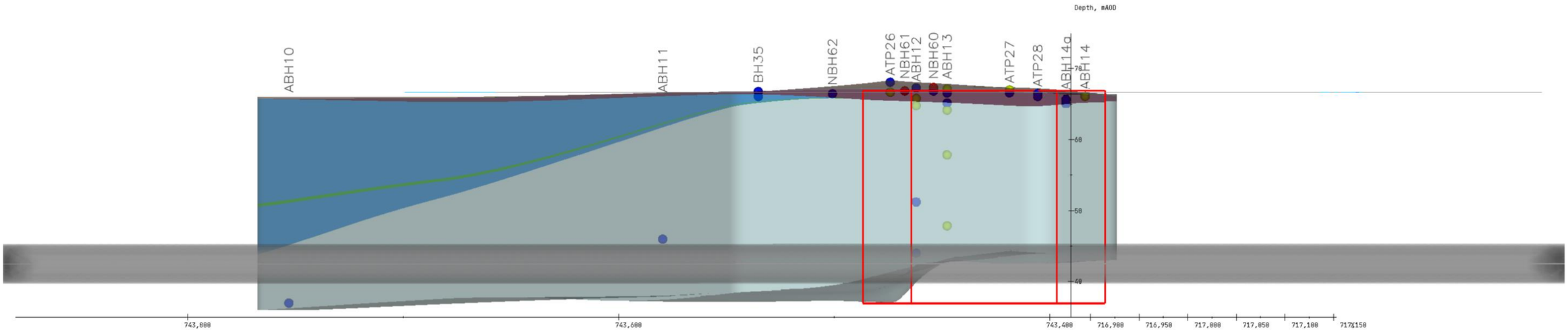


Geology
- Topsoil
- Made Ground
- Superficial - Granular
- Superficial - Cohesive

Exceedance Flag
- Below GAC

- Indicative proposed station box
- Proposed cutting

N Dublin Airport S



Geology

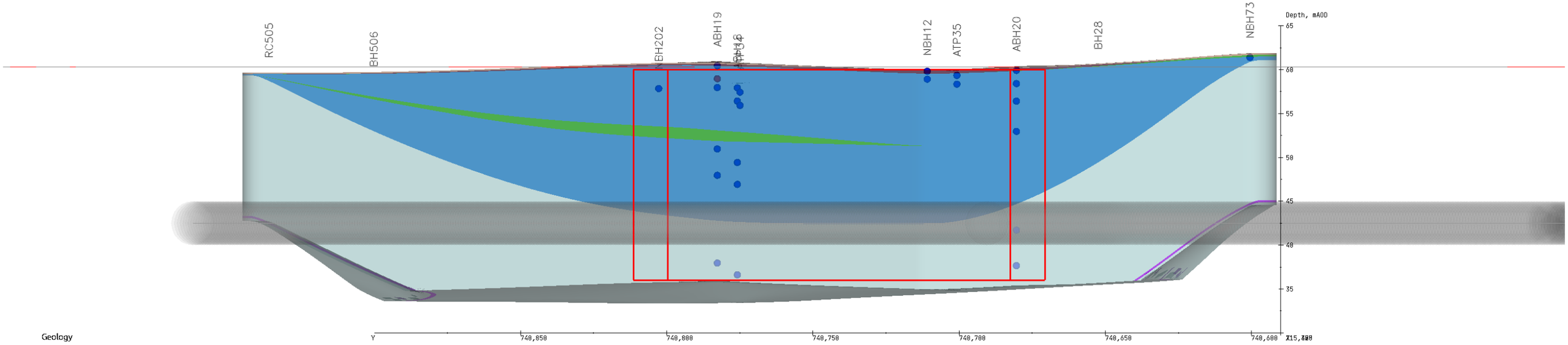
- Topsoil
- Tarmac
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Limestone

Exceedance Flag

- Exceedance of HH Residential and Commercial GAC
- Exceedance of HH Residential GAC
- Below GAC

- Indicative proposed station box
- Proposed tunnel

N Northwood Station S



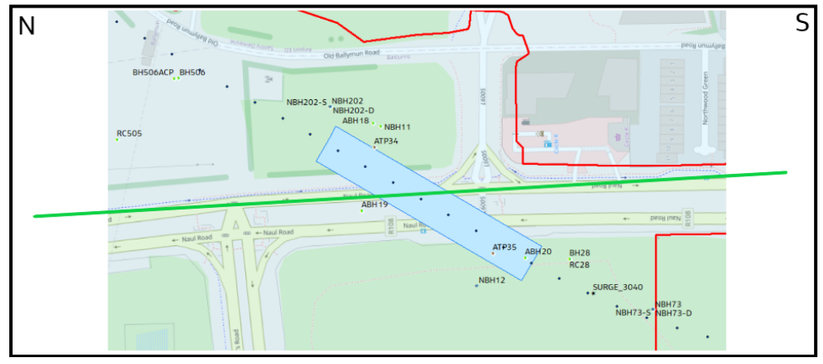
Geology

- Topsoil
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Mudstone
- Limestone

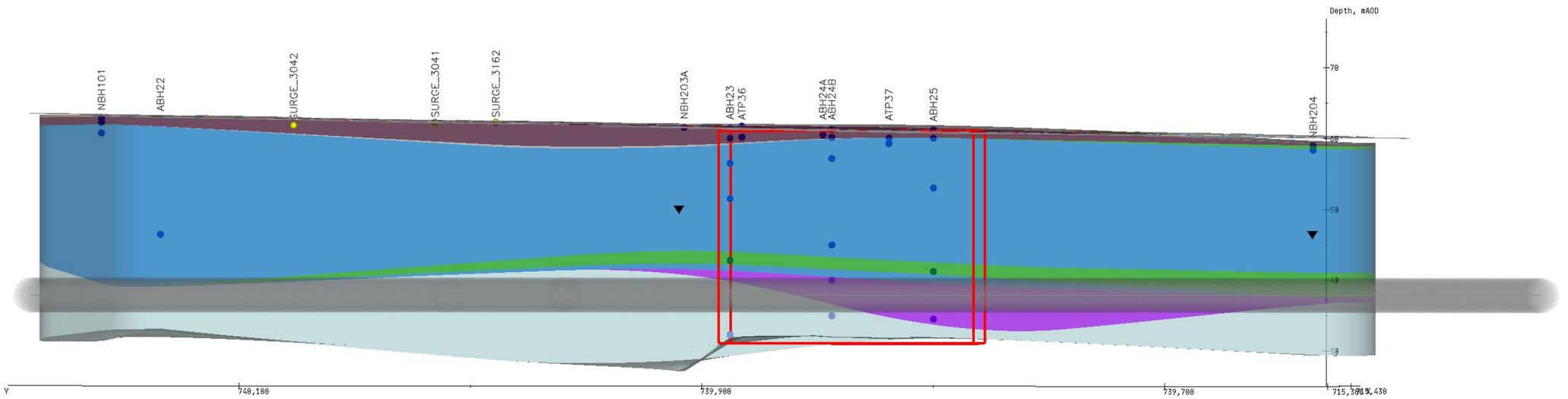
Exceedance Flag

- Exceedance of HH Residential and Commercial GAC
- Exceedance of HH Residential GAC
- Below GAC

- Indicative proposed station box
- Proposed tunnel



N Ballymun Station S



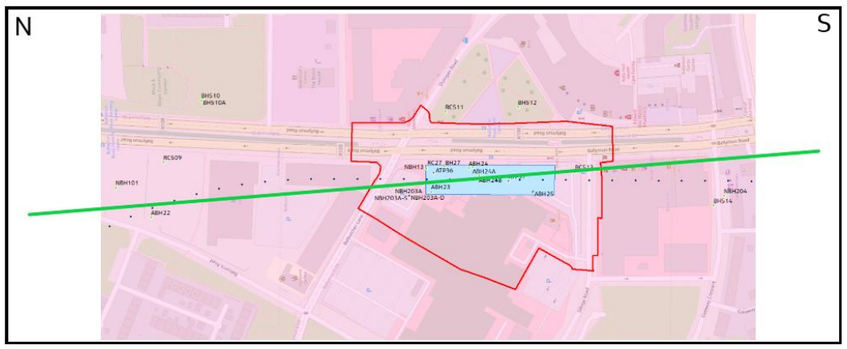
Geology

- Topsoil
- Tarmac
- Concrete
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Mudstone
- Limestone

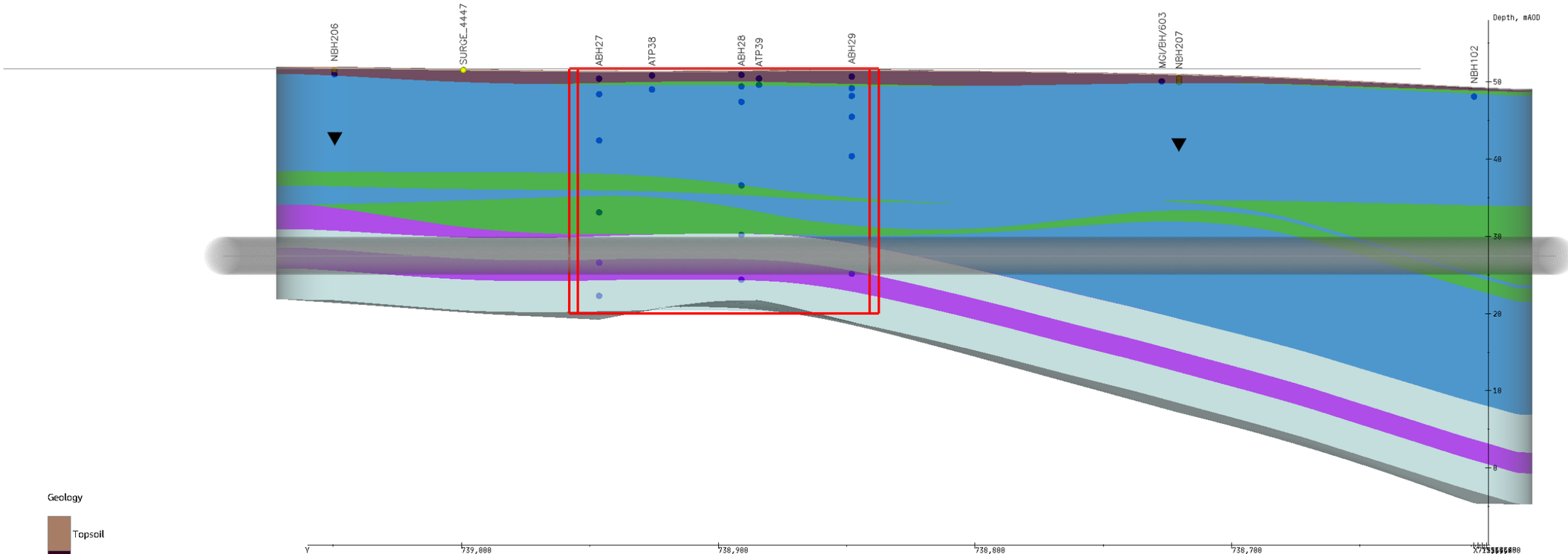
Exceedance Flag

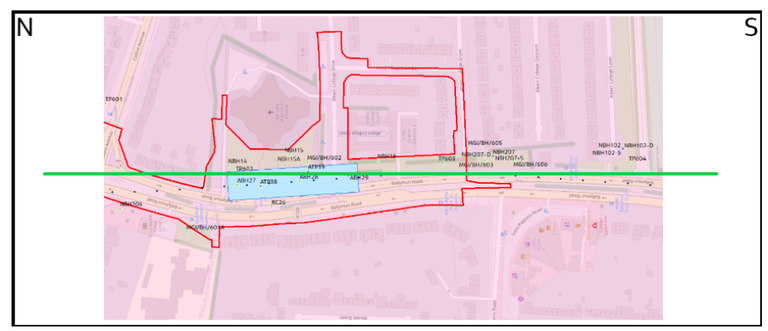
- Exceedance of HH Residential GAC
- Below GAC

- Observed groundwater level
- Indicative proposed station box
- Proposed tunnel

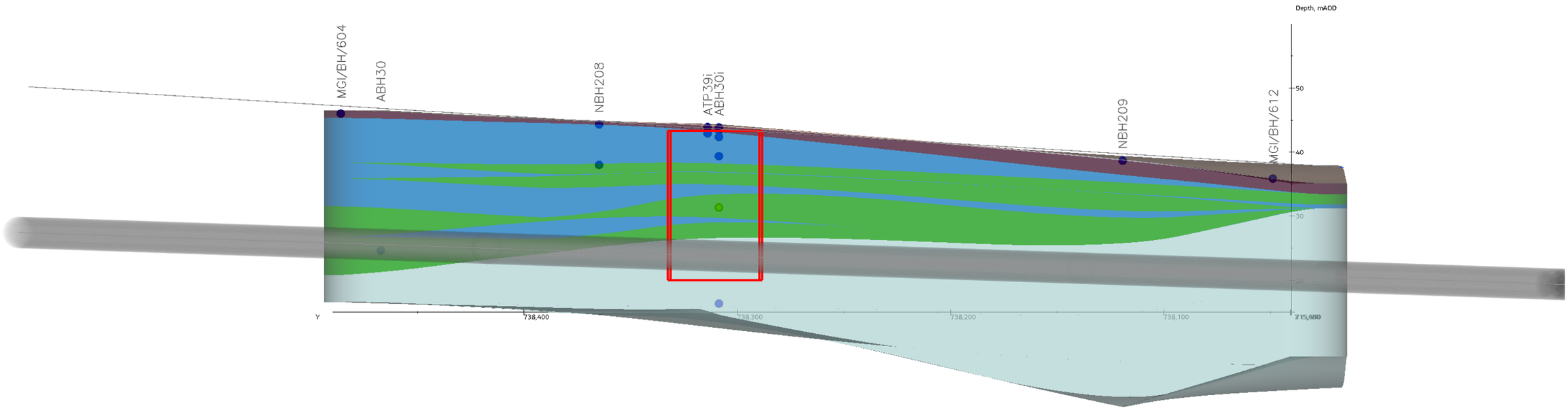


N Collins Avenue Station S





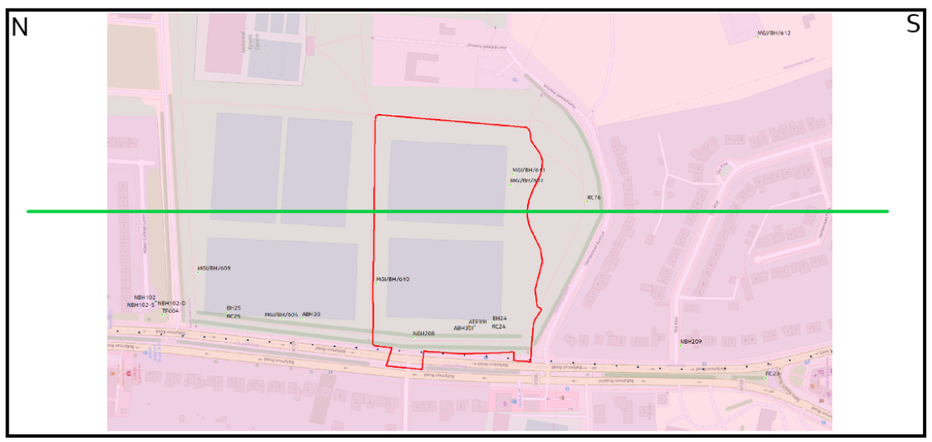
N Intervention Shaft/ Albert College Park S



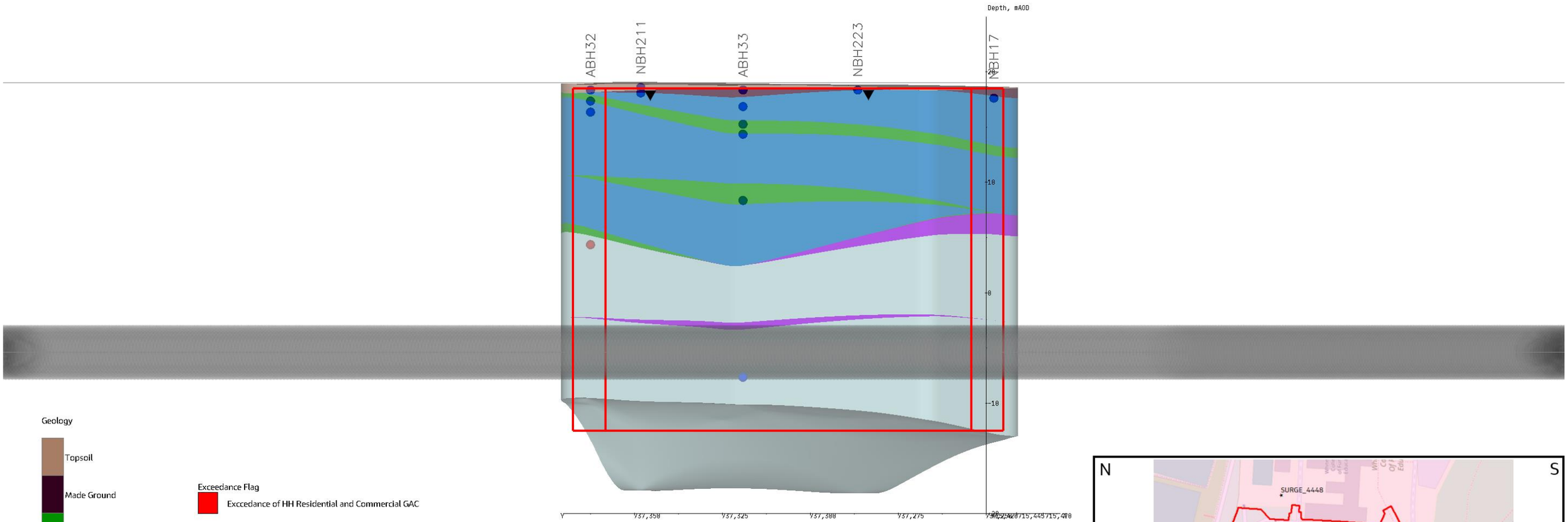
Geology
- Topsoil
- Tarmac
- Concrete
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Mudstone
- Limestone

Exceedance Flag
- Exceedance of HH Residential GAC
- Below GAC

- Indicative proposed station box
- Proposed tunnel



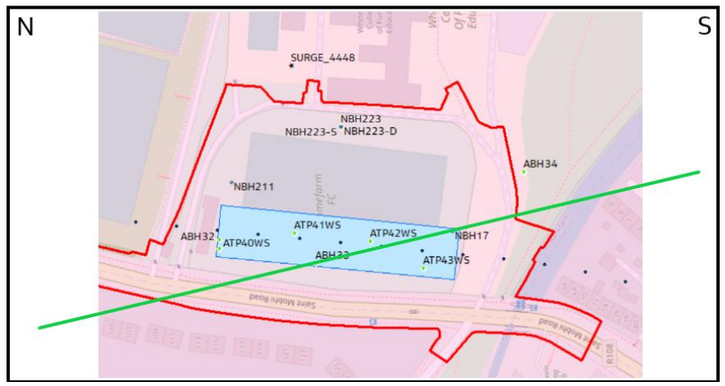
N Griffith Park Station S



Geology
- Topsoil
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Mudstone
- Limestone

Exceedance Flag
- Exccedance of HH Residential and Commercial GAC
- Exccedance of HH Residential GAC
- Below GAC

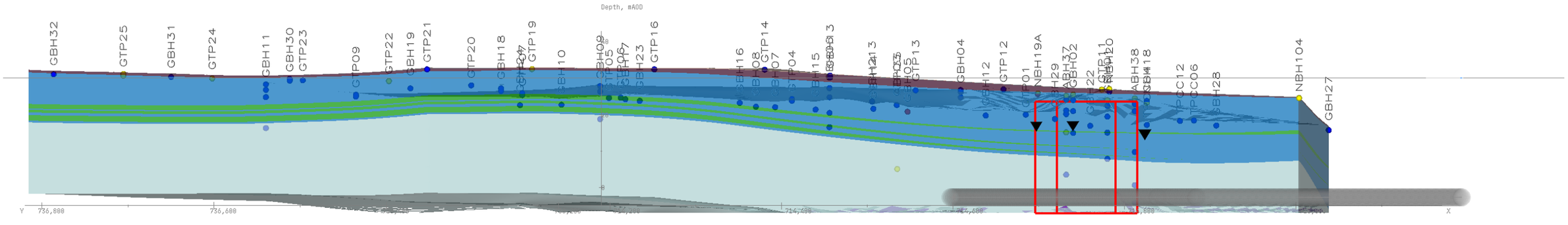
- Observed groundwater level
- Indicative proposed station box
- Proposed tunnel



W

Glasnevin Station

E



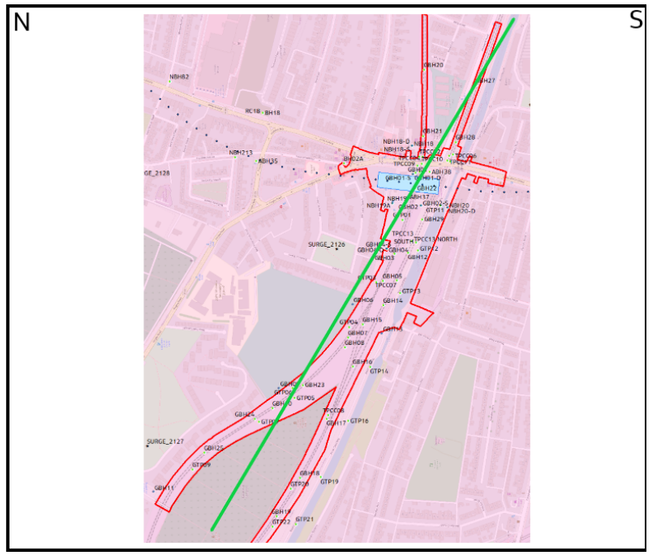
Geology

- Topsoil
- Tarmac
- Concrete
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Mudstone
- Limestone

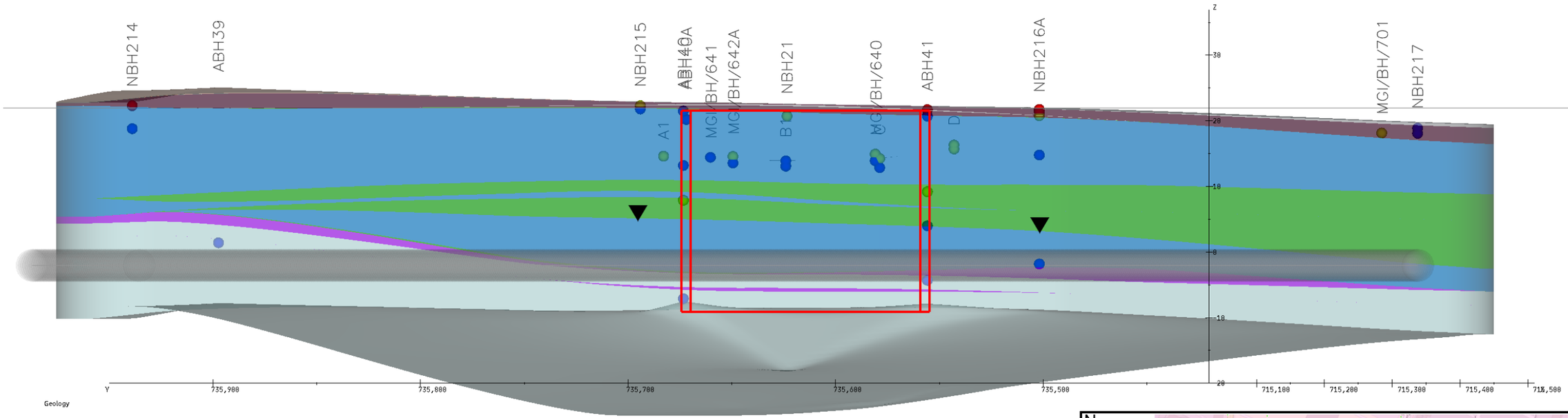
Exceedance Flag

- Exceedance of HH Residential and Commercial GAC
- Exceedance of HH Residential GAC
- Below GAC

- Observed groundwater level
- Indicative proposed station box
- Proposed tunnel



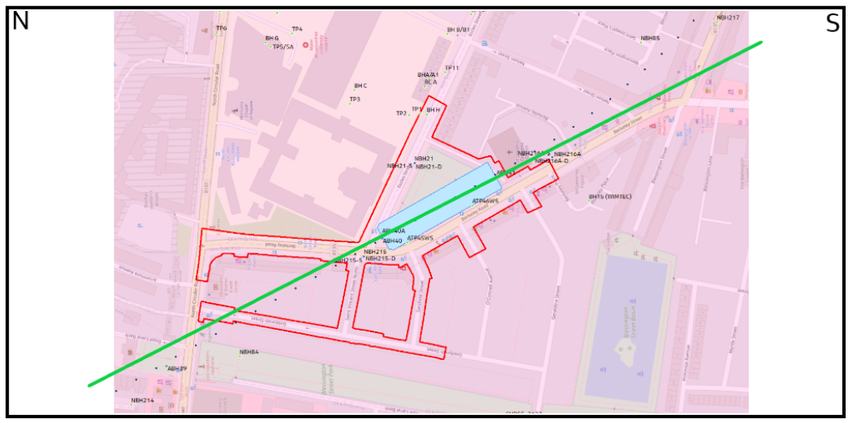
N Mater Station S



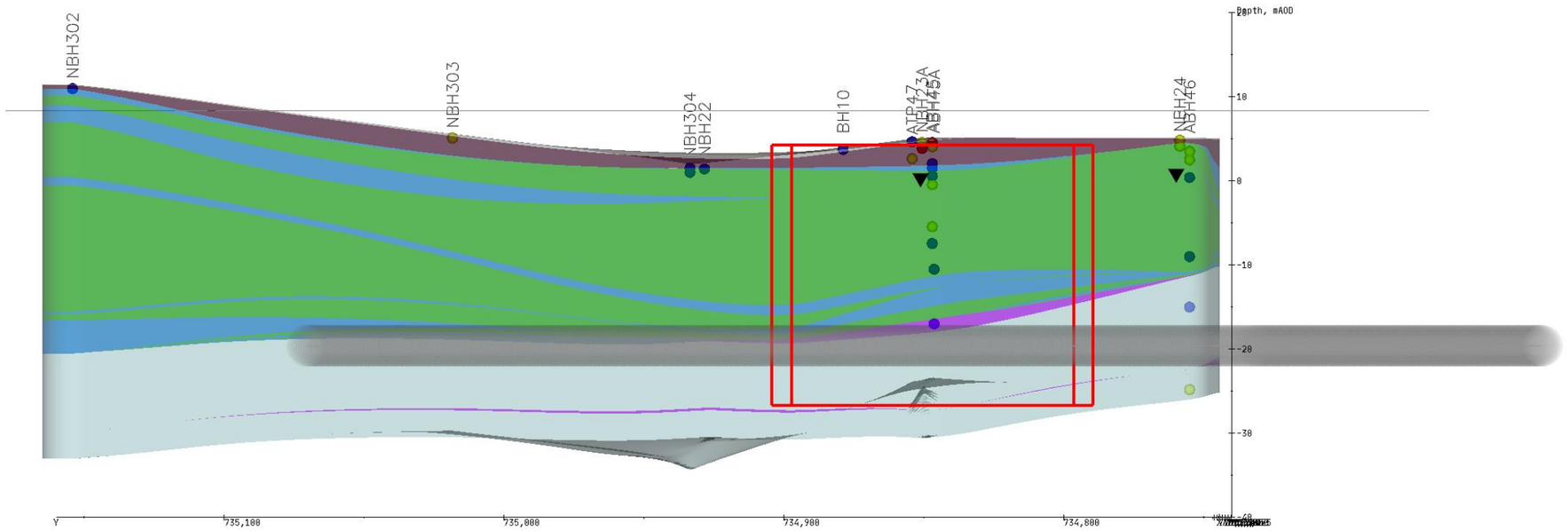
Geology
- Topsoil
- Tarmac
- Concrete
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Mudstone
- Limestone

Exceedance Flag
- Exceedance of HH Residential and Commercial GAC
- Exceedance of HH Residential GAC
- Below GAC

- Observed groundwater level
- Indicative proposed station box
- Proposed tunnel



N O'Connell Station S



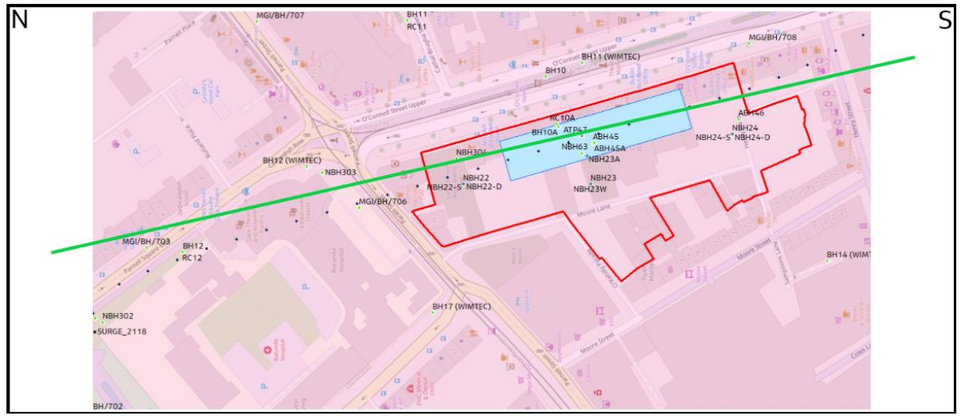
Geology

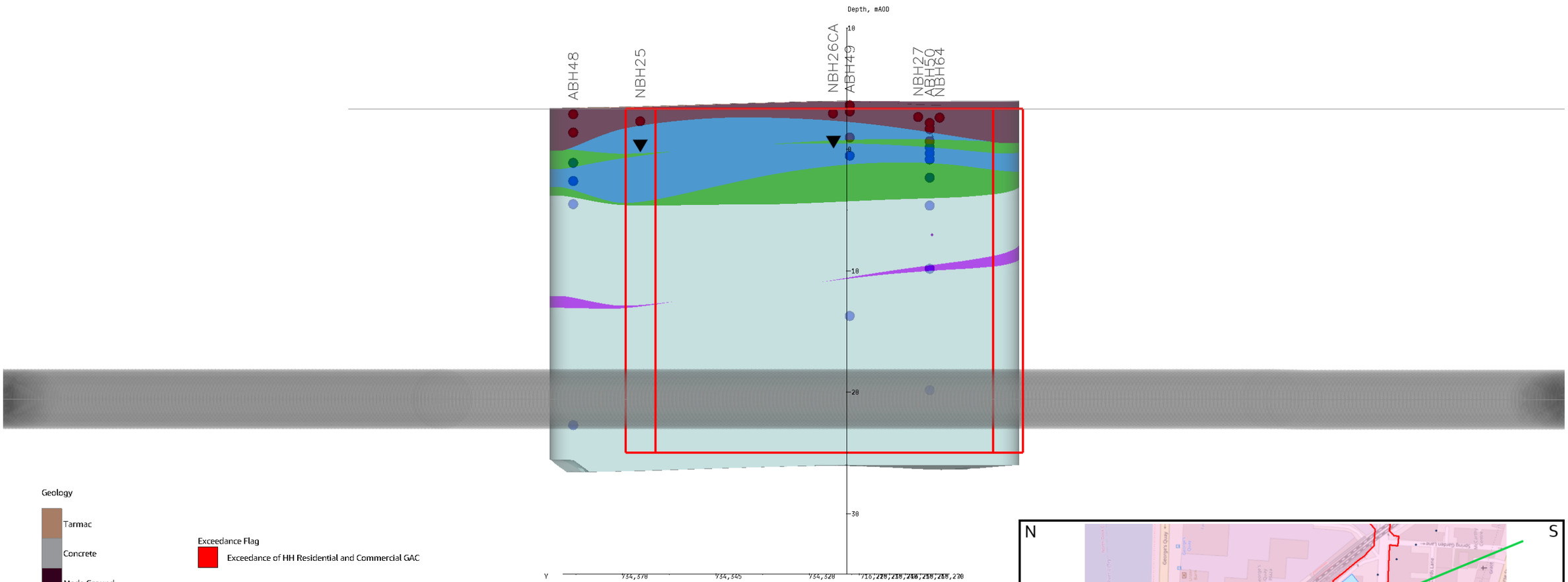
- Topsoil
- Concrete
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Mudstone
- Limestone

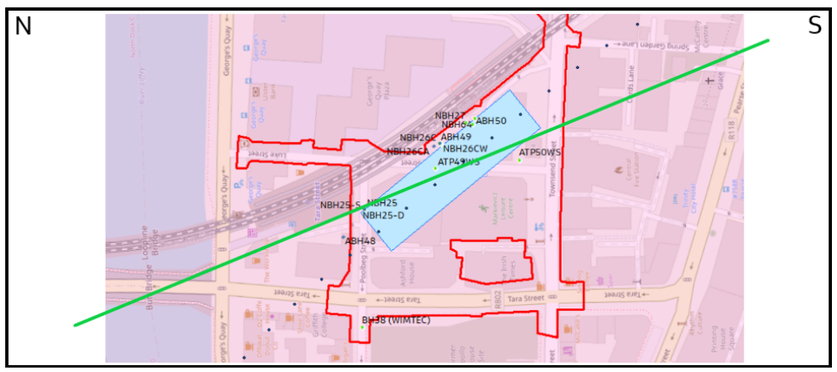
Exceedance Flag

- Exceedance of HH Residential & Commercial GAC
- Exceedance of HH Residential GAC
- Below GAC

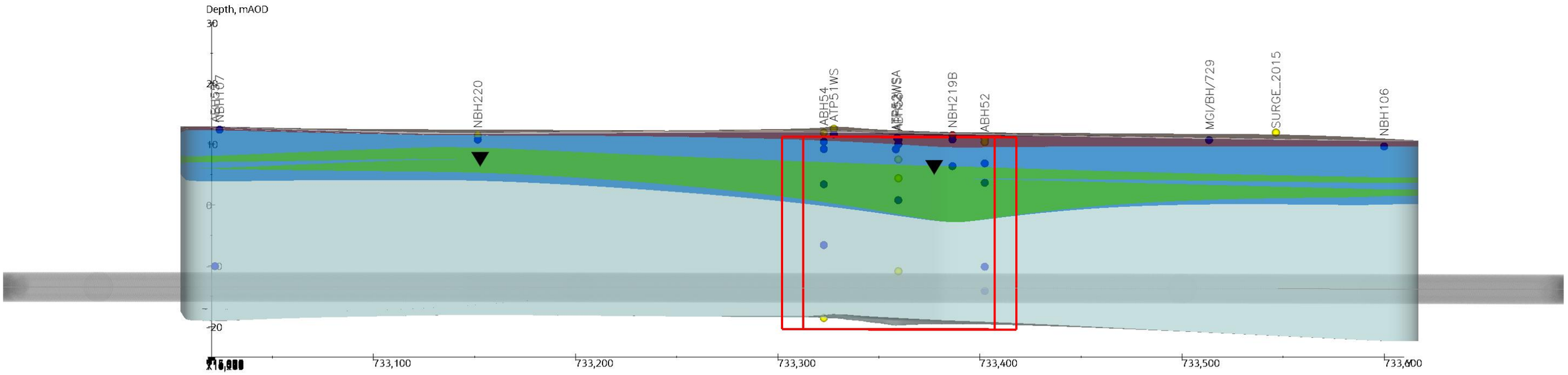
- Observed groundwater level
- Indicative proposed station box
- Proposed tunnel




N
Tara Station
S
Depth, mAOD
ABH48
NBH25
NBH26CA
ABH49
NBH27
ABH50
NBH64
10
0
-10
-20
-30
Y
734,370
734,345
734,320
Geology
Tarmac
Concrete
Made Ground
Superficial - Granular
Superficial - Cohesive
Mudstone
Limestone
Exceedance Flag
Exceedance of HH Residential and Commercial GAC
Exceedance of HH Residential GAC
Below GAC
Observed groundwater level
Indicative proposed station box
Proposed tunnel


N
S
NBH27
NBH64
ABH50
ABH49
NBH26CW
ATP5OWS
NBH25-S
NBH25
NBH25-D
ABH48
BH38 (WIMTEC)
Tara Street

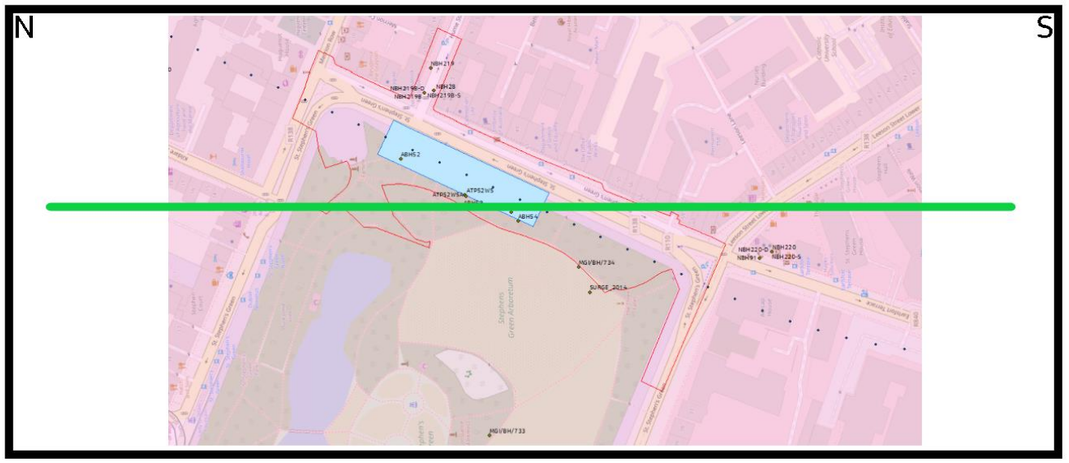
S St Stephen's Green Station N



Geology
- Topsoil
- Tarmac
- Concrete
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Limestone

Exceedance Flag
- Exceedance of HH Residential and Commercial GAC
- Exceedance of HH Residential GAC
- Below GAC

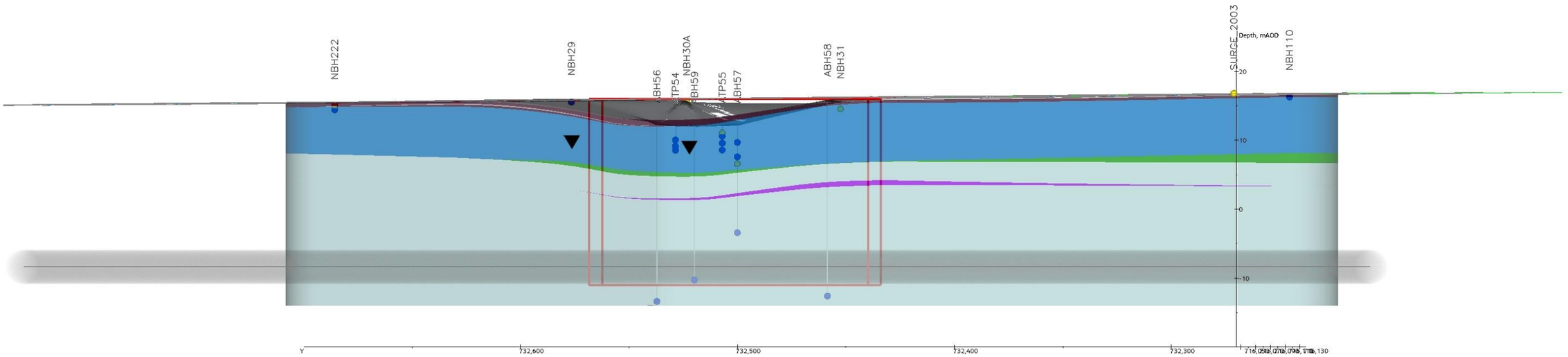
- Observed groundwater level
- Indicative proposed station box
- Proposed tunnel



N

Charlemont Station

S



Geology
- Tarmac
- Concrete
- Made Ground
- Superficial - Granular
- Superficial - Cohesive
- Mudstone
- Limestone

Exceedance Flag
- Exceedance of HH Residential and Commercial GAC
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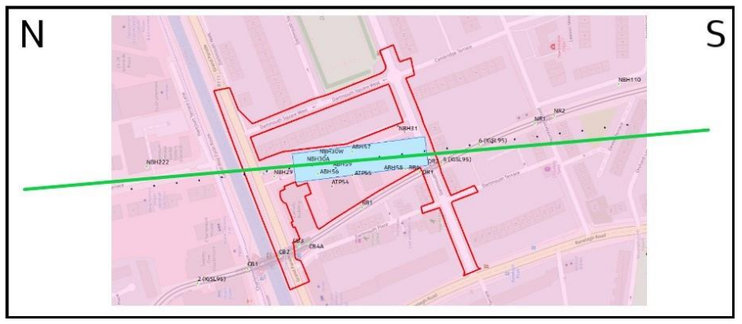


Appendix J. Summary of Excavated Material Quantities (Business Case)

Design Feature	Material Quantity Estimate (m^3)			
	Soil	Mixed (Soil & Rock)	Rock	Total
AZ1				
Park & Ride	24,530		1,047	25,577
Northern Extent to Seatown Station	108,790		2,941	111,731
Seatown Station to Malahile Roundabout	102,896		13,250	116,146
Malahide Roundabout to Pinnockhill Roundabout	121,625		3,821	125,446
Pinnockhill Roundabout to North Portal	161,590		4,055	165,645
AZ2				
Dublin Airport Station	6,530	1,500	67,730	75,760
Dublin Airport North Portal	11,353		139	11,492
Dublin Airport South Portal	40,743			40,743
AZ3				
Central Section Surface Works	281,818		7,950	289,768
Dardistown Depot	280,677			280,677
Northwood Portal	12,597		10,800	23,397
AZ4				
Northwood Station	48,522	1,500	26,521	76,543
Ballymun Station	48,327	1,500	27,157	77,029
Collins Avenue Station	37,806	1,500	37,201	76,507
Griffith Park Station	33,011	1,500	55,137	89,648
Glasnevin Station	120,682	1,500	18,448	140,630
Mater Station	58,724	1,500	24,310	84,534
O'Connell Street Station	98,506	1,500	20,966	120,972
Tara Station	11,107	1,500	60,343	72,950
St Stephen's Green Station	19,600	1,500	65,763	86,863
Charlemont Station	36,151	1,500	47,944	85,595
Albert College Park Shaft	17,031		4,607	21,638
South of Charlemont Shaft	2,530		879	3,409
Route Wide				
TBM Tunnels	204,121	138,802	473,561	816,484
Bridges, Viaducts	6,404			6,404
Total Excavated Material	**1,895,716**	**155,302**	**974,570**	**3,025,588**
Backfill required				99,931
Total Surplus Excavated Material				**2,925,657**

Appendix K. Estimated Excavated Material Quantities and Material Compliance Data

Table K1: Estimated Excavated Material Quantities with encountered Made Ground

Section	Estimate of Excavated Material Quantities (m^3)					Made Ground Detail	
	Made Ground	Soil	Mixed	Rock	Total	Summary of Made Ground encountered	Maximum made ground depth
AZ1						**AZ1**	
Park & Ride		24,530	-	1,047	25,577		
Start of route to Seatown Station	6,420	102,370	-	2,941	111,731	Little / no made ground in Estuary station area (agricultural fields), south of Broad Meadow River some made ground present associated with R132 corridor. Generally described as firm sandy gravelly clay with fragments of brick, wood & plastic, often considered to be re-worked natural deposits or road sub-base.	2.5m (R132), 1.2m (Seatown Station)
Seatown Station to Malahide Roundabout	7,073	95,823	-	13,250	116,146	Made ground associated with R132 corridor Generally described as firm sandy gravelly clay with fragments of brick, wood & plastic, often considered to be re-worked natural deposits or road sub-base.	Generally up to 1.2m, locally deeper up to 4.6mbgl maximum
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	-	3,821	125,446	Made ground absent in much of section, where encountered generally described as firm sandy gravelly clay with fragments of brick, wood & plastic, often considered to be re-worked natural deposits or road sub-base.	1.2m
Pinnockhill Roundabout to North Portal	6,872	154,718	-	4,055	165,645	Made ground mainly absent towards south in presence of agricultural fields between R132 & north portal. Some made ground associated with R132 (generally described as firm sandy gravelly clay with fragments of brick), thicker deposit adjacent to car breakers yard.	Generally up to 1.2m, up to 3.8m adjacent to car breakers yard
AZ2						**AZ2**	
Dublin Airport Station	6,530	-	1,500	67,730	75,760	Made ground identified directly overlying bedrock in area of former quarry, described as tarmac, concrete, sandy gravel or sandy gravelly clay with pieces of rebar & red brick. Possible domestic / putrescible waste in one location.	2.7m
Dublin Airport North Portal	845	10,217	-	139	11,492	Made ground identified in two exploratory holes, firm slightly sandy slightly silty gravelly clay.	0.4m
Dublin Airport South Portal	3,704	36,749	-	-	40,743	Made ground identified in two exploratory holes, described as sandy gravelly silt with fragments of red brick.	0.8m
AZ3						**AZ3**	
Central Section Surface Works	25,056	256,762	-	7,950	289,768	Made ground absent in some much of the greenfield areas around the depot, thicker deposits towards N extent, M50 embankments and Northwood Station area, generally described as silty sandy clay with brick fragments.	2.5m maximum, mostly <1.2m
Dardistown Depot	25,124	255,553	-	-	280,677	Little/ no made ground in the proposed Dardistown Depth (agricultural fields). Where observed, MG is generally described as sandy gravelly clay with inlusions of brick, plastics and metals.	Maximum 0.6m
Northwood Portal	1,170	11,427	-	10,800	23,397	As per Northwood Station (sandy gravelly clay).	2.5m
AZ4						**AZ4**	
Northwood Station	3,300	45,222	1,500	26,521	76,543	Made ground comprising silty sandy gravelly clay.	2.5m
Ballymun Station	4,077	44,295	1,500	27,157	77,029	Tarmac, concrete and sandy gravelly clay with inclusions of brick, concrete and occasionally plastic.	4.1m

Section	Estimate of Excavated Material Quantities (m^3)				
	Made Ground	Soil	Mixed	Rock	Total
Collins Avenue Station	8,515	29,291	1,500	37,201	76,507
Griffith Park Station	4,154	28,857	1,500	55,137	89,648
Glasnevin Station	14,063	106,619	1,500	18,448	140,630
Mater Station	4,299	54,425	1,500	24,310	84,534
O'Connell Street Station	10,223	88,283	1,500	20,966	120,972
Tara Station	4,867	6,240	1,500	60,343	72,950
St Stephen's Green Station*	6,134	13,466	1,500	65,763	86,863
Charlemont Station	4,354	31,797	1,500	47,944	85,595
Albert College Park Shaft		17,031	-	4,607	21,638
South of Charlemont Shaft		2,530	-	879	3,409
Route Wide					
TBM Tunnels		204,121	138,802	473,561	816,484
Bridges, Viaducts		6,404	-	-	6,404
Total Excavated Material (m3)	153,458	1,742,258	155,302	974,570	3,025,588
Percentage (%)	5%	58%	5%	32%	
Backfill required					**99,931**
Total Surplus Excavated Material					**2,925,657**

Made Ground Detail	
Summary of Made Ground encountered	Maximum made ground depth
Sandy gravelly clay with cobbles & contrete, brick, tarmac, glass, plastic & ceramics. Slight hydrocarbon odours in one location <1.2mbgl.	2.1m
Sandy gravelly clay with cobbles & inclusions of brick, ceramic, glass, ash, wood, some bitumen tar.	2.3m
Tarmac, sandy gravelly clay with brick fragments. Ballast found in trackside areas up to 0.6m thick.	2.3m (station box), 3.5m (track areas)
Concrete / asphalt over clayey sandy gravel or gravelly clay with brick, glass & pottery fragments.	2.9m
Paving / concrete over sandy gravelly clay or silt with brick & concrete fragments. Bituminous odour at 1-3m in one location.	4.5m
Concrete / asphalt over sandy gravel & gravelly clay with brick & some ash. Animal bone recorded in one location.	3.8m
Sandy gravel including brick & concrete over sandy gravelly clay or clayey gravelly sand with inclusions of brick, concrete glass & wood.	3.8m
Clayey sandy gravel or sandy gravelly clay with inclusions of brick.	7m
Route Wide	

Table K2: Estimated Waste Breakdown Scenario 1 – All material is waste

Section	Volume (m^3) - Scenario 1 (All material is waste)									
	Made Ground	Soil	Mixed	Rock	Total	***Made Ground - Non hazardous waste***	Made Ground - Hazardous Waste	Natural Ground - Inert Waste	***Natural Ground - Non hazardous waste***	Natural Ground - Hazardous Waste
AZ1										
Park & Ride	-	24,530	-	1,047	25,577	No Made Ground anticipated		24,810	767	-
Start of route to Seatown Station	6,420	102,370	-	2,941	111,731	6,420	-	103,989	1,322	-
Seatown Station to Malahide Roundabout	7,073	95,823	-	13,250	116,146	6,366	707	105,432	3,456	184
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	-	3,821	125,446	6,010	668	117,025	1,434	308
Pinnockhill Roundabout to North Portal	6,872	154,718	-	4,055	165,645	6,185	687	154,706	3,510	557
AZ2										
Dublin Airport Station	6,530	581	1,500	67,730	75,760	841	5,689	60,567	5,563	3,100
Dublin Airport North Portal	845	10,217	-	139	11,492	169	676	10,328	319	-
Dublin Airport South Portal	3,704	36,749	-	-	40,743	741	2,963	35,928	1,111	-
AZ3										
Central Section Surface Works	25,056	256,762	-	7,950	289,768	17,539	7,517	260,755	3,665	291
Dardistown Depot	25,124	255,553	-	-	280,677	20,099	5,025	225,493	24,299	5,761
Northwood Portal	1,170	11,427	-	10,800	23,397	819	351	21,040	1,162	25
AZ4										
Northwood Station	3,300	45,222	1,500	26,521	76,543	2,310	990	69,543	3,681	19
Ballymun Station	4,077	44,295	1,500	27,157	77,029	2,446	1,631	67,415	5,268	269
Collins Avenue Station	8,515	29,291	1,500	37,201	76,507	5,109	3,406	63,146	4,792	54
Griffith Park Station	4,154	28,857	1,500	55,137	89,648	2,077	2,077	79,822	4,973	699
Glasnevin Station	14,063	106,619	1,500	18,448	140,630	7,032	7,032	111,676	12,657	2,234
Mater Station	4,299	54,425	1,500	24,310	84,534	2,149	2,149	69,456	6,268	4,512

Section	Volume (m^3) - Scenario 1 (All material is waste)									
	Made Ground	Soil	Mixed	Rock	Total	***Made Ground - Non hazardous waste***	Made Ground - Hazardous Waste	Natural Ground - Inert Waste	***Natural Ground - Non hazardous waste***	Natural Ground - Hazardous Waste
O'Connell Street Station	10,223	88,283	1,500	20,966	120,972	2,045	8,179	98,555	5,537	6,656
Tara Station	4,867	6,240	1,500	60,343	72,950	973	3,893	61,015	6,808	260
St Stephen's Green Station*	6,134	13,466	1,500	65,763	86,863	4,601	1,534	76,157	4,304	268
Charlemont Station	4,354	31,797	1,500	47,944	85,595	871	3,483	71,729	8,124	1,388
Albert College Park Shaft	-	17,031	-	4,607	21,638	No Made Ground anticipated		20,556	1,082	-
South of Charlemont Shaft	-	2,530	-	879	3,409	No Made Ground anticipated		3,068	341	-
Route Wide										
TBM Tunnels	-	204,121	138,802	473,561	816,484	No Made Ground anticipated		687,163	119,787	9,535
Bridges, Viaducts	-	6,404	-	-	6,404	No Made Ground anticipated		5,764	640	
Total Excavated Material (m^3)	153,458	1,742,258	155,302	974,570	3,025,588	94,802	58,656	2,605,138	230,872	36,119

Table K3: Estimated Waste Breakdown (Scenario 2 – 28.4% of Excavated Material is Waste)

Section	Volume estimates (Arup)					Estimated Waste Breakdown (Scenario 2)									
	Volume (m^3)			Percentages (%)		*Made Ground - Non hazardous waste*		Made Ground - Hazardous Waste		Natural Ground - Inert Waste		*Natural Ground - Non hazardous waste*		Natural Ground - Hazardous Waste	
	Total	Non Article 27	Article 27	Non Article 27	Article 27	Percentage (%)	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)	Volume (m^3)
AZ1															
Park & Ride	25,577	-	25,577	0%	100%	All Article 27 (no Made Ground)				All Article 27					
Start of route to Seatown Station	111,731	13,144	98,587	12%	88%	100%	6,420	0%	-	95%	6,388	5%	336	0%	-
Seatown Station to Malahide Roundabout	116,146	16,274	99,872	14%	86%	90%	6,366	10%	707	93%	8,556	5%	460	2%	184
Malahide Roundabout to Pinnockhill Roundabout	125,446	12,843	112,603	10%	90%	90%	6,010	10%	668	90%	5,549	5%	308	5%	308
Pinnockhill Roundabout to North Portal	165,645	18,013	147,632	11%	89%	90%	6,185	10%	687	90%	10,027	5%	557	5%	557
AZ2															
Dublin Airport Station	75,760	38,107	37,653	50%	50%	13%	841	87%	5,689	78%	24,797	12%	3,680	10%	3,100
Dublin Airport North Portal	11,492	845	10,647	7%	93%	20%	169	80%	676	All Article 27					
Dublin Airport South Portal	40,743	3,704	37,039	9%	91%	20%	741	80%	2,963	All Article 27					
AZ3															
Central Section Surface Works	289,768	39,604	250,164	14%	86%	70%	17,539	30%	7,517	90%	13,093	8%	1,164	2%	291
Dardistown Depot	280,677	140,339	140,339	50%	50%	80%	20,099	20%	5,025	80%	92,172	15%	17,282	5%	5,761
Northwood Portal	23,397	1,676	21,721	7%	93%	70%	819	30%	351	80%	405	15%	76	5%	25
AZ4															
Northwood Station	76,543	3,682	72,861	5%	95%	70%	2,310	30%	990	85%	325	10%	38	5%	19
Ballymun Station	77,029	9,456	67,573	12%	88%	60%	2,446	40%	1,631	85%	4,572	10%	538	5%	269

Section	Volume estimates (Arup)					Estimated Waste Breakdown (Scenario 2)									
	Volume (m^3)			Percentages (%)		***Made Ground - Non hazardous waste***		Made Ground - Hazardous Waste		Natural Ground - Inert Waste		***Natural Ground - Non hazardous waste***		Natural Ground - Hazardous Waste	
	Total	Non Article 27	Article 27	Non Article 27	Article 27	Percentage (%)	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)	Volume (m^3)	Percentage (%)	Volume (m^3)
Collins Avenue Station	76,507	9,595	66,912	13%	87%	60%	5,109	40%	3,406	85%	918	10%	108	5%	54
Griffith Park Station	89,648	18,127	71,521	20%	80%	50%	2,077	50%	2,077	85%	11,876	10%	1,397	5%	699
Glasnevin Station	140,630	36,406	104,224	26%	74%	50%	7,032	50%	7,032	80%	17,874	10%	2,234	10%	2,234
Mater Station	84,534	49,416	35,118	58%	42%	50%	2,149	50%	2,149	80%	36,094	10%	4,512	10%	4,512
O'Connell Street Station	120,972	76,781	44,191	63%	37%	20%	2,045	80%	8,179	85%	56,574	5%	3,328	10%	6,656
Tara Station	72,950	10,073	62,877	14%	86%	20%	973	80%	3,893	85%	4,426	10%	521	5%	260
St Stephen's Green Station	86,863	11,488	75,375	13%	87%	75%	4,601	25%	1,534	85%	4,551	10%	535	5%	268
Charlemont Station	85,595	32,116	53,479	38%	62%	20%	871	80%	3,483	85%	23,598	10%	2,776	5%	1,388
Albert College Park Shaft	21,638	-	21,638	0%	100%	All Article 27 (no Made Ground)				All Article 27					
South of Charlemont Shaft	3,409	-	3,409	0%	100%	All Article 27 (no Made Ground)				All Article 27					
Route Wide															
TBM Tunnels	816,484	317,819	498,665	39%	61%	All Article 27 (no Made Ground)				75%	238,364	22%	69,920	3%	9,535
Bridges, Viaducts	6,404	-	6,404	0%	100%	All Article 27 (no Made Ground)				All Article 27					
Total Excavated Material (m^3)	**3,025,588**	**859,506**	**2,166,082**				**94,802**		**58,656**		**560,157**		**109, 771**		**36,119**

Table K4: Scenario 3: Estimated Waste Breakdown for Soil Recovery Facilities in Domain 1

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Reason for Criteria Failure	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
AZ1									**AZ1**	
Park & Ride		24,530	1,047	25,577	21,832	2,698	524	524	Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Start of route to Seatown Station	6,420	102,370	2,941	111,731	51,185	51,185	588	2,353	Topsoil - Chromium, Cadmium, Mercury, Lead, Zinc, Soil - Arsenic, Cadmium, Mercury, Nickel, PAHs, Rock - Arsenic, Copper	Approximately 25% of this section is greenfield which does not require proof of suitability. Two topsoil, seven soil, and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Seatown Station to Malahide Roundabout	7,073	95,823	13,250	116,146	82,408	13,415	3,313	9,938	Topsoil - Chromium, Cadmium Soil - Arsenic, Cadmium, Mercury, Nickel, Lead	One topsoil and three soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	3,821	125,446	102,303	12,644	955	2,866	Topsoil - Chromium, Cadmium, Nickel, Lead Soil - Arsenic, Cadmium, Mercury, Nickel, Lead, PAHs	Two topsoil and eight soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Pinnockhill Roundabout to North Portal	6,872	154,718	4,055	165,645	109,850	44,868	1,014	3,041	Topsoil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs	Approximately 25% of this section is greenfield which does not require proof of suitability. Nine soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ2									**AZ2**	
Dublin Airport Station	6,530	750	68,480	75,760	0	1,331	15,066	53,414	Soil - Arsenic, Cadmium, Nickel, Lead, Zinc, PAHs Rock - Arsenic, Cadmium, Nickel, Lead, Zinc, PAHs	One soil sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Dublin Airport North Portal	845	10,508	139	11,492	0	10,508	31	108		
Dublin Airport South Portal	3,704	37,039	-	40,743	0	37,039				
AZ3									**AZ3**	
Central Section Surface Works	25,056	256,762	7,950	289,768	192,572	64,191	3,975	3,975	Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, TOC, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Reason for Criteria Failure	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Dardistown Depot	25,124	255,553	-	280,677	201,887	53,666			Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc Topsoil - Cadmium, Mercury, Lead, Zinc	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Northwood Portal	1,170	11,427	10,800	23,397	571	10,856	540	10,260	Topsoil - Chromium, Mercury, Lead, Zinc Soil - Arsenic, Cadmium, Nickel, Lead, PAHs Rock - Nickel, PAHs	-
AZ4									**AZ4**	
Northwood Station	3,300	45,972	27,271	76,543	21,607	24,365	13,636	13,636	Soil - Arsenic, Cadmium, Nickel, Lead, Zinc, PAHs Rock - Arsenic, Copper, Nickel	Five soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Ballymun Station	4,077	45,045	27,907	77,029	21,171	23,874	6,977	20,930	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc, PAHs Rock - Arsenic, Copper, Cadmium, Nickel, Zinc, PAHs	Two topsoil and six soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Collins Avenue Station	8,515	30,041	37,951	76,507	20,127	9,914	7,590	30,361	Topsoil - Copper, Cadmium, Mercury, Lead, Zinc Soil - Arsenic, Cadmium, Nickel, PAHs Rock - Arsenic, Copper, Mercury, Nickel, Lead	Ten soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Griffith Park Station	4,154	29,607	55,887	89,648	14,804	14,804	27,944	27,944	Topsoil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Cadmium, Zinc, PAHs Rock - Arsenic, TOC	Three soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Glasnevin Station	14,063	107,369	19,198	140,630	36,505	70,864	4,800	14,399	Topsoil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, BTEX, PAHs Rock - Arsenic, Copper, Cadmium, Mercury, Nickel, Zinc	One topsoil and nine soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Mater Station	4,299	55,175	25,060	84,534	13,794	41,381	8,270	16,790	Topsoil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Rock - Arsenic, Copper, Cadmium, Nickel, Lead, PAHs	-

Section	Estimate of Excavated Material Quantities (m³)				Estimated Waste Breakdown				Reason for Criteria Failure	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m³)	Above Criteria Volume (m³)	Below Criteria Volume (m³)	Above Criteria Volume (m³)		
O'Connell Street Station	10,223	89,033	21,716	120,972	63,213	25,820	14,550	7,166	Topsoil - Copper, Cadmium, Mercury, Lead, Zinc, PAHs Soil - Arsenic, Cadmium, Nickel, PAHs Rock - Arsenic, Nickel, Lead, BTEX	One soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Tara Station	4,867	6,990	61,093	72,950	4,683	2,307	34,823	26,270	Topsoil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Mercury, Lead, TOC Rock - Arsenic, Copper, Cadmium, Nickel	One soil and four rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
St Stephen's Green Station*	6,134	14,216	66,513	86,863	7,108	7,108	3,326	63,187	Topsoil - Arsenic, Copper, Cadmium, Mercury, Lead, Zinc, PAHs Soil - Arsenic, Cadmium, Mercury, Nickel, Lead, PAHs Rock - Arsenic, PAHs	One soil sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Charlemont Station	4,354	32,547	48,694	85,595	7,160	25,387	2,435	46,259	Topsoil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, PAHs Rock - Arsenic, Copper, Cadmium, Nickel, Zinc, TOC	Two soil sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Albert College Park Shaft		17,031	4,607	21,638	14,306	2,725	230	4,377	Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc Rock - Arsenic, Cadmium	Approximately 75% of this section is greenfield which does not require proof of suitability. Two soil sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
South of Charlemont Shaft		2,530	879	3,409	557	1,973	44	835	Limited analytical data - anticipated to be similar to Charlemont Station	-
Route Wide									**Route Wide**	
TBM Tunnels		273,522	542,962	816,484	82,057	191,465	135,741	407,222	Limited analytical data independent of station locations	
Bridges, Viaducts		6,404	-	6,404	6,084	320			Soil - Mercury	One soil sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Total Excavated Material (m3)	153,458	1,819,328	1,052,221	3,025,588	1,075,783	744,126	286,368	765,853		
Percentage (%)	5%	58%	32%							
Backfill required				**99,931**						
Total Surplus Excavated Material				**2,925,657**						

Note: Estimated material quantities denoted as "Mixed" have been evenly divided between "Soil" and "Rock" quantities for this assessment.

Table K5: Scenario 3: Estimated Waste Breakdown for Soil Recovery Facilities in Domain 2

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Reason for Criteria Failure	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria	Above Criteria	Below Criteria	Above Criteria		
					Volume (m^3)	Volume (m^3)	Volume (m^3)	Volume (m^3)		
AZ1									**AZ1**	
Park & Ride		24,530	1,047	25,577	23,304	1,227	628	419	Soil - Arsenic, Copper, Mercury, Nickel, Lead, Zinc, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Start of route to Seatown Station	6,420	102,370	2,941	111,731	97,252	5,119	1,765	1,176	Topsoil - Chromium, Lead, Zinc Soil - Arsenic, Mercury, Nickel, PAHs Rock - Arsenic, Copper	Approximately 25% of this section is greenfield which does not require proof of suitability. Two topsoil, seven soil, and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Seatown Station to Malahide Roundabout	7,073	95,823	13,250	116,146	91,032	4,791	6,625	6,625	Topsoil - Chromium Soil - Nickel, Lead	Three topsoil, five soil, and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	3,821	125,446	109,200	5,747	1,911	1,911	Topsoil - Chromium, Nickel, Lead Soil - Nickel, Lead, PAHs	One topsoil and three soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Pinnockhill Roundabout to North Portal	6,872	154,718	4,055	165,645	146,982	7,736	2,028	2,028	Topsoil - Copper, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Copper, Mercury, Nickel, Lead, Zinc, PAHs	Approximately 25% of this section is greenfield which does not require proof of suitability. One topsoil and 14 soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ2									**AZ2**	
Dublin Airport Station	6,530	750	68,480	75,760	713	38	38,349	30,131	Soil - Arsenic, Nickel, Lead, Zinc, PAHs Rock - Arsenic, Nickel, Lead, Zinc, PAHs	Two soil and three rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Dublin Airport North Portal	845	10,508	139	11,492	9,983	525	78	61		
Dublin Airport South Portal	3,704	37,039	-	40,743	35,187	1,852				
AZ3									**AZ3**	
Central Section Surface Works	25,056	256,762	7,950	289,768	243,924	12,838	7,553	398	Soil - Arsenic, Mercury, Nickel, Lead, TOC, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Reason for Criteria Failure	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Dardistown Depot	25,124	255,553	-	280,677	242,775	12,778			Topsoil - Lead, Zinc Soil - Arsenic, Mercury, Nickel, Zinc	Area is predominantly greenfield which does not require proof of suitability. Potential for historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Northwood Portal	1,170	11,427	10,800	23,397	10,856	571	10,260	540	Topsoil - Chromium, Lead, Zinc Soil - Nickel, Lead, PAHs Rock - Nickel, PAHs	One topsoil, two soil, and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ4									**AZ4**	
Northwood Station	3,300	45,972	27,271	76,543	43,673	2,299	25,907	1,364	Soil - Arsenic, Nickel, Lead, Zinc, PAHs Rock - Arsenic, Nickel	Nine soil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Ballymun Station	4,077	45,045	27,907	77,029	42,793	2,252	20,930	6,977	Topsoil - Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc, PAHs Rock - Cadmium, Nickel, Zinc, PAHs	Two topsoil, five soil, and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Collins Avenue Station	8,515	30,041	37,951	76,507	28,539	1,502	36,053	1,898	Topsoil - Copper, Mercury, Lead, Zinc Soil - Arsenic, Nickel, PAHs Rock - Arsenic, Nickel, Lead	Four soil and two rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Griffith Park Station	4,154	29,607	55,887	89,648	22,205	7,402	53,093	2,794	Topsoil - Chromium, Copper, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Zinc, PAHs Rock - TOC	Two soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Glasnevin Station	14,063	107,369	19,198	140,630	102,001	5,368	9,599	9,599	Topsoil - Arsenic, Copper, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, BTEX, PAHs Rock - Arsenic, Cadmium, Mercury, Nickel, Zinc	One topsoil and eight soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Mater Station	4,299	55,175	25,060	84,534	35,864	19,311	16,790	8,270	Topsoil - Arsenic, Copper, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Rock - Cadmium, Nickel, Lead, PAHs	Three soil samples was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
O'Connell Street Station	10,223	89,033	21,716	120,972	75,678	13,355	20,630	1,086	Topsoil - Copper, Mercury, Lead, Zinc, PAHs Soil - Nickel, PAHs Rock - Arsenic, Nickel, Lead, BTEX	Two soil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Reason for Criteria Failure	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Tara Station	4,867	6,990	61,093	72,950	4,544	2,447	58,038	3,055	Topsoil - Arsenic, Chromium, Copper, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Mercury, Lead, TOC Rock - Arsenic, Nickel	One topsoil, one soil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
St Stephen's Green Station*	6,134	14,216	66,513	86,863	11,373	2,843	63,187	3,326	Topsoil - Arsenic, Copper, Mercury, Lead, Zinc, PAHs Soil - Mercury, Nickel, Lead, PAHs Rock - PAHs	One soil and one rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Charlemont Station	4,354	32,547	48,694	85,595	27,665	4,882	38,955	9,739	Topsoil - Copper, Mercury, Nickel, Lead, Zinc Soil - Arsenic, Copper, Cadmium, Nickel, Lead, PAHs Rock - Arsenic, Copper, Cadmium, Nickel, Zinc, TOC	Six soil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Albert College Park Shaft		17,031	4,607	21,638	16,179	852	4,377	230	Soil - Arsenic, Mercury, Nickel, Zinc Rock - Arsenic, Cadmium	Approximately 75% of this section is greenfield which does not require proof of suitability. Three soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
South of Charlemont Shaft		2,530	879	3,409	2,151	380	703	176	Limited analytical data - anticipated to be similar to Charlemont Station	-
Route Wide									**Route Wide**	
TBM Tunnels		273,522	542,962	816,484	232,494	41,028	325,777	217,185	Limited analytical data independent of station locations	-
Bridges, Viaducts		6,404	-	6,404	6,084	320			-	-
Total Excavated Material (m3)	153,458	1,819,328	1,052,221	3,025,588	1,662,447	157,462	743,236	308,985		
Percentage (%)	5%	58%	32%							
Backfill required				**99,931**						
Total Surplus Excavated Material				**2,925,657**						

Note: Estimated material quantities denoted as "Mixed" have been evenly divided between "Soil" and "Rock" quantities for this assessment.

Table K6: Scenario 3: Estimated Waste Breakdown for Soil Recovery Facilities in Domain 3

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria	Above Criteria	Below Criteria	Above Criteria		
					Volume (m^3)	Volume (m^3)	Volume (m^3)	Volume (m^3)		
AZ1										
Park & Ride		24,530	1,047	25,577	23,304	1,227	838	209	Soil - Copper, Cadmium, Mercury, Nickel, Lead, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Start of route to Seatown Station	6,420	102,370	2,941	111,731	97,252	5,119	2,353	588	Topsoil - Chromium, Cadmium Soil - Cadmium, Mercury, Nickel, PAHs Rock - Copper	Approximately 25% of this section is greenfield which does not require proof of suitability. Two topsoil and three soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Seatown Station to Malahide Roundabout	7,073	95,823	13,250	116,146	91,032	4,791	10,600	2,650	Topsoil - Chromium, Cadmium Soil - Cadmium, Nickel, Lead	One topsoil and two soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	3,821	125,446	109,200	5,747	3,057	764	Topsoil - Chromium, Cadmium Soil - Cadmium, Nickel, PAHs	One topsoil and four soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Pinnockhill Roundabout to North Portal	6,872	154,718	4,055	165,645	145,435	9,283	3,244	811	Topsoil - Copper, Cadmium, Mercury, Lead, PAHs Soil - Copper, Cadmium, Mercury, Nickel, Lead, PAHs	Approximately 25% of this section is greenfield which does not require proof of suitability. 15 soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ2										
Dublin Airport Station	6,530	750	68,480	75,760	713	38	53,414	15,066	Soil - Cadmium, Nickel, PAHs Rock - Arsenic, Cadmium, PAHs	Two soil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Dublin Airport North Portal	845	10,508	139	11,492	9,983	525	108	31		
Dublin Airport South Portal	3,704	37,039	-	40,743	35,187	1,852				
AZ3										
Central Section Surface Works	25,056	256,762	7,950	289,768	243,924	12,838	6,360	1,590	Soil - Cadmium, Mercury, Lead, TOC, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Dardistown Depot	25,124	255,553	-	280,677	242,775	12,778			Topsoil - Chromium, Cadmium Soil - Cadmium, Mercury, Nickel	Area is predominantly greenfield which does not require proof of suitability. Potential for historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Northwood Portal	1,170	11,427	10,800	23,397	5,714	5,714	10,800	0	Topsoil - Chromium, Lead Soil - Cadmium, Nickel, PAHs Rock - PAHs	One topsoil, one soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ4										
Northwood Station	3,300	45,972	27,271	76,543	41,375	4,597	13,636	13,636	Soil - Cadmium, Nickel, Lead, PAHs Rock - Copper, Nickel	Five soil and one rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Ballymun Station	4,077	45,045	27,907	77,029	36,036	9,009	20,930	6,977	Topsoil - Chromium, Cadmium, Mercury, Lead, PAHs Soil - Cadmium, Mercury, Nickel, PAHs Rock - Cadmium, Nickel, PAHs	Two topsoil, seven soil and one rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Collins Avenue Station	8,515	30,041	37,951	76,507	27,638	2,403	30,361	7,590	Topsoil - Copper, Cadmium, Lead, Zinc Soil - Cadmium, Nickel, PAHs Rock - Nickel, Lead	Eight soil and one rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Griffith Park Station	4,154	29,607	55,887	89,648	22,205	7,402	53,093	2,794	Topsoil - Chromium, Copper, Cadmium, Mercury, Lead, PAHs Soil - Cadmium, Zinc, PAHs Rock - TOC	One topsoil, one soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Glasnevin Station	14,063	107,369	19,198	140,630	75,158	32,211	14,399	4,800	Topsoil - Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, BTEX, PAHs Rock - Cadmium, Mercury, Nickel, Zinc	Nine soil and one rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Mater Station	4,299	55,175	25,060	84,534	18,760	36,416	8,270	16,790	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Rock - Cadmium, Nickel, PAHs	-
O'Connell Street Station	10,223	89,033	21,716	120,972	75,678	13,355	14,550	7,166	Topsoil - Copper, Cadmium, Mercury, Lead, Zinc, PAHs Soil - Cadmium, PAHs Rock - Nickel, Lead, BTEX	Two soil and one rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Tara Station	4,867	6,990	61,093	72,950	5,592	1,398	58,038	3,055	Topsoil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Mercury, TOC Rock - Cadmium, Nickel	One topsoil, one soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
St Stephen's Green Station*	6,134	14,216	66,513	86,863	7,108	7,108	63,187	3,326	Topsoil - Copper, Cadmium, Mercury, Lead, PAHs Soil - Cadmium, Mercury, Lead, PAHs Rock - PAHs,	One soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Charlemont Station	4,354	32,547	48,694	85,595	19,528	13,019	9,739	38,955	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead Soil - Copper, Cadmium, Nickel, Lead, PAHs Rock - Arsenic, Copper, Cadmium, Nickel, Zinc, TOC	Six soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Albert College Park Shaft		17,031	4,607	21,638	14,136	2,895	2,304	2,304	Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc Rock - Cadmium	Approximately 75% of this section is greenfield which does not require proof of suitability. Two soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
South of Charlemont Shaft		2,530	879	3,409	1,518	1,012	176	703	Limited analytical data - anticipated to be similar to Charlemont Station	-
Route Wide									**Route Wide**	
TBM Tunnels		273,522	542,962	816,484	136,761	136,761	271,481	271,481	Limited analytical data independent of station locations	-
Bridges, Viaducts		6,404	-	6,404	6,084	320				
Total Excavated Material (m3)	153,458	1,819,328	1,052,221	3,025,588	1,492,093	327,816	650,936	401,285		
Percentage (%)	5%	58%	32%							
Backfill required				**99,931**						
Total Surplus Excavated Material				**2,925,657**						

Note: Estimated material quantities denoted as "Mixed" have been evenly divided between "Soil" and "Rock" quantities for this assessment.

Table K7: Scenario 3: Estimated Waste Breakdown for Soil Recovery Facilities in Domain 4

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria	Above Criteria	Below Criteria	Above Criteria		
					Volume (m^3)	Volume (m^3)	Volume (m^3)	Volume (m^3)		
AZ1									**AZ1**	
Park & Ride		24,530	1,047	25,577	19,624	4,906	995	52	Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc, PAHs, PCBs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Start of route to Seatown Station	6,420	102,370	2,941	111,731	78,825	23,545	2,794	147	Topsoil - Chromium, Cadmium, Mercury, Zinc Soil - Arsenic, Cadmium, Mercury, Nickel, PAHs, PCBs Rock - Arsenic, Copper, PCBs	Approximately 25% of this section is greenfield which does not require proof of suitability. Nine soil, and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Seatown Station to Malahide Roundabout	7,073	95,823	13,250	116,146	71,867	23,956	6,625	6,625	Topsoil - Chromium, Cadmium Soil - Cadmium, Mercury, Nickel, PCBs	Three topsoil, five soil, and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	3,821	125,446	74,716	40,231	1,911	1,911	Topsoil - Chromium, Cadmium, Nickel Soil - Cadmium, Mercury, Nickel, PAHs, PCBs	Four soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Pinnockhill Roundabout to North Portal	6,872	154,718	4,055	165,645	85,095	69,623	2,028	2,028	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs, PCBs	Approximately 25% of this section is greenfield which does not require proof of suitability. Nine soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ2									**AZ2**	
Dublin Airport Station	6,530	750	68,480	75,760	375	375	38,349	30,131	Soil - Cadmium, Nickel, Zinc, PAHs, PCBs Rock - Arsenic, Cadmium, Zinc, PAHs, PCBs	One soil and five rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Dublin Airport North Portal	845	10,508	139	11,492	5,254	5,254	78	61		
Dublin Airport South Portal	3,704	37,039	-	40,743	18,520	18,520				
AZ3									**AZ3**	
Central Section Surface Works	25,056	256,762	7,950	289,768	218,248	38,514	7,553	398	Soil - Cadmium, Mercury, Nickel, TOC, PAHs, PCBs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs and PCBs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Dardistown Depot	25,124	255,553	-	280,677	194,220	61,333			Topsoil - Cadmium Soil - Cadmium, Mercury, Nickel, PCBs	Area is predominantly greenfield which does not require proof of suitability. Detections of PCBs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Northwood Portal	1,170	11,427	10,800	23,397	6,856	4,571	10,260	540	Topsoil - Chromium, Cadmium, Mercury Soil - Cadmium, Nickel, PAHs, PCBs Rock - PAHs, PCBs	One topsoil, one soil, and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ4									**AZ4**	
Northwood Station	3,300	45,972	27,271	76,543	15,171	30,801	13,636	13,636	Soil - Cadmium, Nickel, Lead, Zinc, PAHs, PCBs Rock - Arsenic, Cadmium, Nickel, PCBs	Five soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Ballymun Station	4,077	45,045	27,907	77,029	6,757	38,288	13,954	13,954	Topsoil - Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Cadmium, Mercury, Nickel, PAHs, PCBs Rock - Cadmium, Nickel, Zinc, PAHs, PCBs	Three soil, and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Collins Avenue Station	8,515	30,041	37,951	76,507	9,012	21,029	30,361	7,590	Topsoil - Cadmium, Mercury, Lead, Zinc Soil - Cadmium, Nickel, PAHs, PCBs Rock - Nickel, Lead, PCBs	Four soil and four rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Griffith Park Station	4,154	29,607	55,887	89,648	20,725	8,882	53,093	2,794	Topsoil - Cadmium, Mercury, Lead, Zinc, PAHs Soil - Cadmium, Zinc, PAHs, PCBs Rock - Cadmium, TOC, PCBs	Three soil and two rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Glasnevin Station	14,063	107,369	19,198	140,630	32,211	75,158	4,800	14,399	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, BTEX, PAHs, PCBs Rock - Cadmium, Mercury, Nickel, Zinc, PCBs	Eight soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Mater Station	4,299	55,175	25,060	84,534	8,276	46,899	8,270	16,790	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs, PCBs Rock - Cadmium, Nickel, PAHs, PCBs	Two soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
O'Connell Street Station	10,223	89,033	21,716	120,972	66,775	22,258	14,550	7,166	Topsoil - Copper, Cadmium, Mercury, Lead, Zinc, PAHs Soil - Cadmium, PAHs, PCBs Rock - Arsenic, Cadmium, Nickel, BTEX, PCBs	Five soil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Tara Station	4,867	6,990	61,093	72,950	3,845	3,146	51,929	9,164	Topsoil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Mercury, TOC, PCBs Rock - Arsenic, Cadmium, Nickel, PCBs	Four soil and six rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
St Stephen's Green Station*	6,134	14,216	66,513	86,863	711	13,505	63,187	3,326	Topsoil - Cadmium, Mercury, Lead, Zinc, PAHs Soil - Cadmium, Mercury, Lead, PAHs Rock - Cadmium, PAHs, PCBs	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Charlemont Station	4,354	32,547	48,694	85,595	1,627	30,920	5,843	42,851	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc Soil - Copper, Cadmium, Nickel, PAHs, PCBs Rock - Arsenic, Copper, Cadmium, Nickel, Zinc, TOC, PCBs	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Albert College Park Shaft		17,031	4,607	21,638	13,284	3,747	230	4,377	Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc, PCBs Rock - Cadmium, PCBs	Approximately 75% of this section is greenfield which does not require proof of suitability. Three soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
South of Charlemont Shaft		2,530	879	3,409	127	2,404	105	774	Limited analytical data - anticipated to be similar to Charlemont Station	-
Route Wide									**Route Wide**	
TBM Tunnels		273,522	542,962	816,484	136,761	136,761	271,481	271,481	Limited analytical data independent of station locations	-
Bridges, Viaducts		6,404	-	6,404	6,084	320			Soil - Cadmium, Mercury	One soil sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Total Excavated Material (m3)	153,458	1,819,328	1,052,221	3,025,588	1,094,964	724,945	602,029	450,192		
Percentage (%)	5%	58%	32%							
Backfill required				**99,931**						

Note: Estimated material quantities denoted as "Mixed" have been evenly divided between "Soil" and "Rock" quantities for this assessment.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Total Surplus Excavated Material				**2,925,657**						

Table K8: Scenario 3: Estimated Waste Breakdown for Soil Recovery Facilities in Domain 5

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria	Above Criteria	Below Criteria	Above Criteria		
					Volume (m^3)	Volume (m^3)	Volume (m^3)	Volume (m^3)		
AZ1										
Park & Ride		24,530	1,047	25,577	23,058	1,472	995	52	Soil - Cadmium, Mercury, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Start of route to Seatown Station	6,420	102,370	2,941	111,731	91,109	11,261	2,794	147	Topsoil - Cadmium Soil - Cadmium, Mercury, Nickel, PAHs Rock - Copper	Approximately 25% of this section is greenfield which does not require proof of suitability. Three soil, and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Seatown Station to Malahide Roundabout	7,073	95,823	13,250	116,146	91,032	4,791	12,588	663	Topsoil - Cadmium Soil - Cadmium	One topsoil and two soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	3,821	125,446	109,200	5,747	3,630	191	Topsoil - Cadmium Soil - Cadmium, PAHs	Two topsoil and five soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Pinnockhill Roundabout to North Portal	6,872	154,718	4,055	165,645	131,510	23,208	3,852	203	Topsoil - Copper, Cadmium, Mercury, Lead, PAHs Soil - Copper, Cadmium, Mercury, Nickel, Lead, PAHs	Approximately 25% of this section is greenfield which does not require proof of suitability. 19 soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ2										
Dublin Airport Station	6,530	750	68,480	75,760	713	38	53,414	15,066	Soil - Cadmium, PAHs Rock - Arsenic, Cadmium, PAHs	Two soil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Dublin Airport North Portal	845	10,508	139	11,492	9,983	525	108	31		
Dublin Airport South Portal	3,704	37,039	-	40,743	35,187	1,852				
AZ3										
Central Section Surface Works	25,056	256,762	7,950	289,768	231,086	25,676	7,553	398	Soil - Cadmium, Mercury, TOC, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Dardistown Depot	25,124	255,553	-	280,677	214,665	40,888			Topsoil - Cadmium Soil - Cadmium, Mercury	Area is predominantly greenfield which does not require proof of suitability. Potential for historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Northwood Portal	1,170	11,427	10,800	23,397	7,999	3,428	10,260	540	Topsoil - Mercury Soil - Cadmium, PAHs Rock - PAHs	One topsoil, one soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ4										
Northwood Station	3,300	45,972	27,271	76,543	39,996	5,976	25,907	1,364	Soil - Cadmium, PAHs Rock - Nickel	Eight soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Ballymun Station	4,077	45,045	27,907	77,029	31,532	13,514	20,930	6,977	Topsoil - Cadmium, Mercury, PAHs Soil - Cadmium, Mercury, Nickel, PAHs Rock - Cadmium, Nickel, Zinc, PAHs	Two topsoil, nine soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Collins Avenue Station	8,515	30,041	37,951	76,507	25,535	4,506	36,053	1,898	Topsoil - Cadmium, Mercury, Lead, Zinc Soil - Cadmium, PAHs Rock - Nickel	Nine soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Griffith Park Station	4,154	29,607	55,887	89,648	22,205	7,402	53,093	2,794	Topsoil - Cadmium, Mercury, Lead, PAHs Soil - Cadmium, Zinc, PAHs Rock - TOC	Two soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Glasnevin Station	14,063	107,369	19,198	140,630	64,421	42,948	4,800	14,399	Topsoil - Copper, Cadmium, Mercury, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, BTEX, PAHs Rock - Cadmium, Mercury, Nickel, Zinc	13 soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Mater Station	4,299	55,175	25,060	84,534	19,311	35,864	12,530	12,530	Topsoil - Copper, Cadmium, Mercury, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Rock - Cadmium, Nickel, PAHs	-
O'Connell Street Station	10,223	89,033	21,716	120,972	80,130	8,903	20,630	1,086	Topsoil - Copper, Cadmium, Mercury, Lead, Zinc, PAHs Soil - Cadmium, PAHs Rock - Nickel, BTEX	Two soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Tara Station	4,867	6,990	61,093	72,950	5,243	1,748	58,038	3,055	Topsoil - Arsenic, Copper, Cadmium, Mercury, Lead, Zinc, PAHs Soil - Mercury, TOC Rock - Cadmium, Nickel	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
St Stephen's Green Station*	6,134	14,216	66,513	86,863	5,686	8,530	63,187	3,326	Topsoil - Cadmium, Mercury, Lead, Zinc, PAHs Soil - Cadmium, Mercury, Lead, PAHs Rock - PAHs	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Charlemont Station	4,354	32,547	48,694	85,595	13,019	19,528	9,739	38,955	Topsoil - Copper, Cadmium, Mercury, Lead Soil - Copper, Cadmium, Nickel, PAHs Rock - Arsenic, Copper, Cadmium, Nickel, Zinc, TOC	Four soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Albert College Park Shaft		17,031	4,607	21,638	14,306	2,725	2,304	2,304	Soil - Arsenic, Cadmium, Mercury, Zinc Rock - Cadmium	Approximately 75% of this section is greenfield which does not require proof of suitability. Two soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
South of Charlemont Shaft		2,530	879	3,409	1,012	1,518	176	703	Limited analytical data - anticipated to be similar to Charlemont Station	-
Route Wide									**Route Wide**	
TBM Tunnels		273,522	542,962	816,484	136,761	136,761	271,481	271,481	Limited analytical data independent of station locations	
Bridges, Viaducts		6,404	-	6,404	6,084	320				
Total Excavated Material (m3)	153,458	1,819,328	1,052,221	3,025,588	1,410,781	409,128	674,062	378,159		
Percentage (%)	5%	58%	32%							
Backfill required				**99,931**						
Total Surplus Excavated Material				**2,925,657**						

Note: Estimated material quantities denoted as "Mixed" have been evenly divided between "Soil" and "Rock" quantities for this assessment.

Table K9: Scenario 3: Estimated Waste Breakdown for Soil Recovery Facilities in Domain 6

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria	Above Criteria	Below Criteria	Above Criteria		
					Volume (m^3)	Volume (m^3)	Volume (m^3)	Volume (m^3)		
AZ1										
Park & Ride		24,530	1,047	25,577	22,077	2,453	524	524	Soil - Copper, Cadmium, Zinc, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Start of route to Seatown Station	6,420	102,370	2,941	111,731	94,180	8,190	2,353	588	Topsoil - Chromium, Zinc Soil - PAHs Rock - Copper	Approximately 25% of this section is greenfield which does not require proof of suitability. Two topsoil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Seatown Station to Malahide Roundabout	7,073	95,823	13,250	116,146	91,032	4,791	6,625	6,625	Topsoil - Chromium Soil - Copper	One topsoil and two soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	3,821	125,446	103,452	11,495	1,911	1,911	Soil - PAHs	One topsoil and one soil sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Pinnockhill Roundabout to North Portal	6,872	154,718	4,055	165,645	142,341	12,377	2,028	2,028	Topsoil - Copper, Mercury, Lead, Zinc, PAHs Soil - Copper, Cadmium, Mercury, Lead, Zinc, PAHs	Approximately 25% of this section is greenfield which does not require proof of suitability. One topsoil and five soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ2										
Dublin Airport Station	6,530	750	68,480	75,760	38	713	45,882	22,598	Soil - PAHs Rock - Copper, Zinc, PAHs	-
Dublin Airport North Portal	845	10,508	139	11,492	525	9,983	93	46		
Dublin Airport South Portal	3,704	37,039	-	40,743	1,852	35,187				
AZ3										
Central Section Surface Works	25,056	256,762	7,950	289,768	231,086	25,676	3,975	3,975	Soil - Copper, Mercury, TOC, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Dardistown Depot	25,124	255,553	-	280,677	242,775	12,778			Topsoil - Copper Soil - Cadmium	Area is predominantly greenfield which does not require proof of suitability. Potential for historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Northwood Portal	1,170	11,427	10,800	23,397	1,143	10,284	540	10,260	Topsoil - Chromium, Copper Soil - Cadmium, PAHs Rock - PAHs	One topsoil sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ4										
Northwood Station	3,300	45,972	27,271	76,543	39,996	5,976	25,907	1,364	Soil - Cadmium, Zinc, PAHs Rock - Copper	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Ballymun Station	4,077	45,045	27,907	77,029	38,288	6,757	13,954	13,954	Topsoil - Copper, Zinc, PAHs Soil - Cadmium, PAHs Rock - Copper, Cadmium, Zinc, PAHs	One topsoil and one soil sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Collins Avenue Station	8,515	30,041	37,951	76,507	21,930	8,111	36,053	1,898	Topsoil - Copper, Lead, Zinc Soil - Cadmium, PAHs Rock - Copper	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Griffith Park Station	4,154	29,607	55,887	89,648	17,764	11,843	27,944	27,944	Topsoil - Copper, Mercury, Lead, Zinc, PAHs Soil - Cadmium, Zinc, PAHs Rock - TOC	One topsoil sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Glasnevin Station	14,063	107,369	19,198	140,630	64,421	42,948	14,399	4,800	Topsoil - Copper, Mercury, Lead, Zinc, PAHs Soil - Chromium, Copper, Cadmium, Mercury, Lead, Zinc, BTEX, PAHs Rock - Copper, Cadmium, Mercury, Zinc	-
Mater Station	4,299	55,175	25,060	84,534	19,311	35,864	8,270	16,790	Topsoil - Copper, Mercury, Lead, Zinc, PAHs Soil - Copper, Cadmium, Mercury, Lead, Zinc, PAHs Rock - Copper, Cadmium, PAHs	-
O'Connell Street Station	10,223	89,033	21,716	120,972	62,323	26,710	14,550	7,166	Topsoil - Copper, Mercury, Lead, Zinc, PAHs Soil - PAHs, Rock - BTEX	-
Tara Station	4,867	6,990	61,093	72,950	4,893	2,097	58,038	3,055	Topsoil - Chromium, Copper, Mercury, Lead, Zinc, PAHs Soil - Copper, TOC Rock - Copper	One topsoil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
St Stephen's Green Station*	6,134	14,216	66,513	86,863	7,108	7,108	3,326	63,187	Topsoil - Copper, Mercury, Lead, Zinc, PAHs Soil - Lead, PAHs Rock - PAHs	-
Charlemont Station	4,354	32,547	48,694	85,595	21,156	11,391	9,739	38,955	Topsoil - Copper, Mercury, Lead, Zinc Soil - Copper, Cadmium, PAHs Rock - Copper, Cadmium, Zinc, TOC	Two soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Albert College Park Shaft		17,031	4,607	21,638	16,179	852	2,304	2,304	Soil - Copper, Cadmium, Zinc Rock - Copper, Cadmium	Approximately 75% of this section is greenfield which does not require proof of suitability. Four soil and one rock sample were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
South of Charlemont Shaft		2,530	879	3,409	1,645	886	176	703	Limited analytical data - anticipated to be similar to Charlemont Station	-
Route Wide									**Route Wide**	
TBM Tunnels		273,522	542,962	816,484	136,761	136,761	271,481	271,481	Limited analytical data independent of station locations	-
Bridges, Viaducts		6,404	-	6,404	6,084	320				
Total Excavated Material (m3)	153,458	1,819,328	1,052,221	3,025,588	1,388,360	431,549	550,068	502,153		
Percentage (%)	5%	58%	32%							
Backfill required				**99,931**						
Total Surplus Excavated Material				**2,925,657**						

Note: Estimated material quantities denoted as "Mixed" have been evenly divided between "Soil" and "Rock" quantities for this assessment.

Table K10: Scenario 3: Estimated Waste Breakdown for Soil Recovery Facilities in Domain 7

Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria	Above Criteria	Below Criteria	Above Criteria		
					Volume (m^3)	Volume (m^3)	Volume (m^3)	Volume (m^3)		
AZ1										
Park & Ride		24,530	1,047	25,577	18,643	5,887	995	52	Soil - Arsenic, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Start of route to Seatown Station	6,420	102,370	2,941	111,731	36,853	65,517	2,794	147	Topsoil - Cadmium, Mercury, Nickel, Lead, Zinc Soil - Arsenic, Cadmium, Mercury, Nickel, PAHs Rock - Arsenic, Copper, Cadmium, Nickel	Approximately 25% of this section is greenfield which does not require proof of suitability. Three sopil and two rock samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Seatown Station to Malahide Roundabout	7,073	95,823	13,250	116,146	13,415	82,408	6,625	6,625	Topsoil - Cadmium, Nickel, Zinc Soil - Cadmium, Mercury, Nickel, Lead	-
Malahide Roundabout to Pinnockhill Roundabout	6,678	114,947	3,821	125,446	45,979	68,968	1,911	1,911	Topsoil - Cadmium, Nickel, Zinc Soil - Cadmium, Mercury, Nickel, PAHs	Five soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Pinnockhill Roundabout to North Portal	6,872	154,718	4,055	165,645	7,736	146,982	2,028	2,028	Topsoil - Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs	Approximately 25% of this section is greenfield which does not require proof of suitability.
AZ2										
Dublin Airport Station	7,111	750	68,480	75,760	38	713	38,349	30,131	Soil - Cadmium, Nickel, Zinc, PAHs Rock - Arsenic, Cadmium, Nickel, Zinc, PAHs	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Dublin Airport North Portal	845	10,217	139	11,492	525	9,983	78	61		
Dublin Airport South Portal	3,704	36,749	-	40,743	1,852	35,187				
AZ3										
Central Section Surface Works	25,056	256,762	7,950	289,768	192,572	64,191	7,553	398	Soil - Cadmium, Mercury, Nickel, Lead, TOC, PAHs	Area is predominantly greenfield which does not require proof of suitability. Detections of PAHs indicate potential historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.

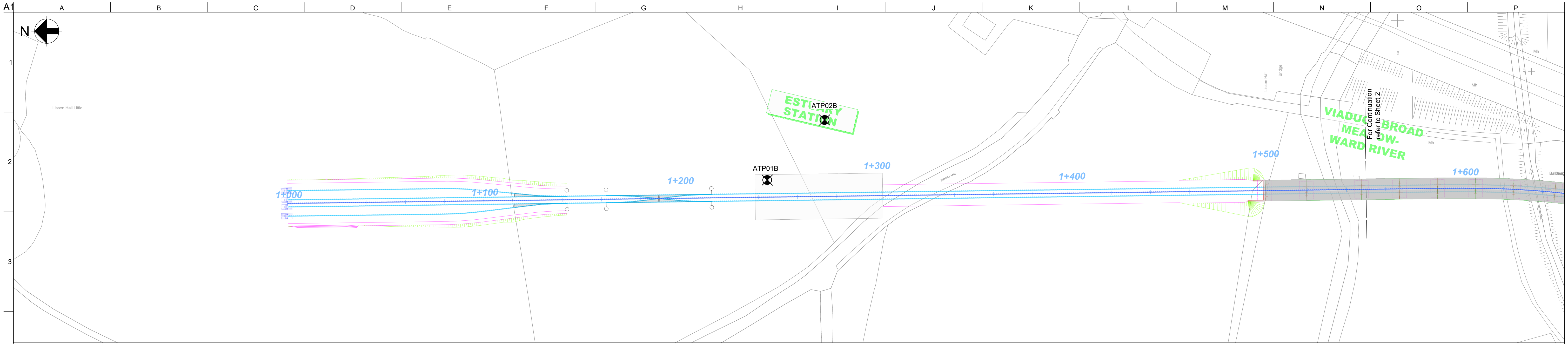
Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
Dardistown Depot	25,124	255,553	-	280,677	194,220	61,333			Topsoil - Cadmium, Mercury, Nickel, Lead, Zinc Soil - Cadmium, Mercury, Nickel, Zinc	Area is predominantly greenfield which does not require proof of suitability. Potential for historical contaminative land use in some areas. A conservative estimate of 75% greenfield has been applied to the data to estimate volumes in exceedance of the criteria.
Northwood Portal	1,170	11,427	10,800	23,397	571	10,856	10,260	540	Topsoil - Cadmium, Mercury, Nickel, Lead, Zinc Soil - Cadmium, Nickel, Lead, PAHs Rock - Cadmium, Nickel, PAHs	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
AZ4										
Northwood Station	3,300	45,972	27,271	76,543	4,597	41,375	1,364	25,907	Soil - Cadmium, Nickel, Lead, Zinc, PAHs Rock - Arsenic, Cadmium, Nickel	One soil sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Ballymun Station	4,077	45,045	27,907	77,029	2,252	42,793	1,395	26,512	Topsoil - Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc, PAHs Rock - Cadmium, Nickel, Zinc, PAHs	-
Collins Avenue Station	8,515	30,041	37,951	76,507	1,502	28,539	15,180	22,771	Topsoil - Cadmium, Mercury, Lead, Zinc Soil - Cadmium, Nickel, PAHs Rock - Mercury, Nickel, Lead	One rock sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Griffith Park Station	4,154	29,607	55,887	89,648	1,480	28,127	2,794	53,093	Topsoil - Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Cadmium, Nickel, Zinc, PAHs Rock - Cadmium, TOC	-
Glasnevin Station	14,063	107,369	19,198	140,630	21,474	85,895	960	18,238	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, BTEX, PAHs Rock - Cadmium, Mercury, Nickel, Zinc	Two soil samples were found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Mater Station	4,299	55,175	25,060	84,534	2,759	52,416	16,790	8,270	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Rock - Cadmium, Nickel, PAHs	-

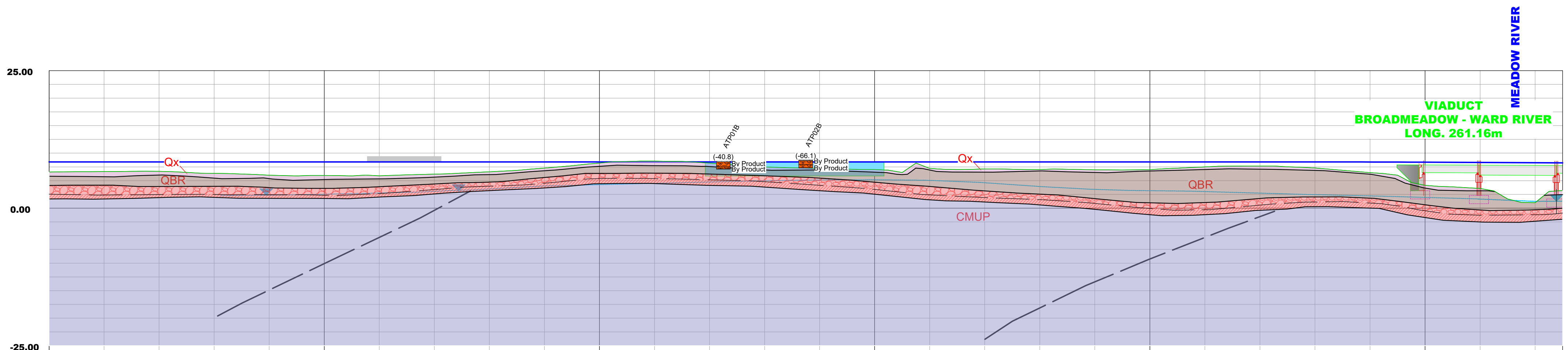
Section	Estimate of Excavated Material Quantities (m^3)				Estimated Waste Breakdown				Notes	Further assessment
					Soil		Rock			
	Made Ground	Soil	Rock	Total	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)	Below Criteria Volume (m^3)	Above Criteria Volume (m^3)		
O'Connell Street Station	10,223	89,033	21,716	120,972	13,355	75,678	7,166	14,550	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Cadmium, Nickel, PAHs Rock - Arsenic, Cadmium, Nickel, Lead, BTEX	One soil sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
Tara Station	4,867	6,990	61,093	72,950	5,592	1,398	17,717	43,376	Topsoil - Arsenic, Chromium, Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Arsenic, Cadmium, Mercury, Lead, TOC Rock - Arsenic, Cadmium, Nickel	One soil sample was found to exceed the criteria but were discounted as per chapter 4 of the guidance.
St Stephen's Green Station*	6,134	14,216	66,513	86,863	711	13,505	3,326	63,187	Topsoil - Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Soil - Cadmium, Mercury, Nickel, Lead, PAHs Rock - Cadmium, Nickel, PAHs	-
Charlemont Station	4,354	32,547	48,694	85,595	1,627	30,920	9,739	38,955	Topsoil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc Soil - Copper, Cadmium, Mercury, Nickel, Lead, Zinc, PAHs Rock - Arsenic, Copper, Cadmium, Nickel, Zinc, TOC	-
Albert College Park Shaft		17,031	4,607	21,638	852	16,179	230	4,377	Soil - Arsenic, Cadmium, Mercury, Nickel, Zinc Rock - Arsenic, Cadmium, Nickel	Approximately 75% of this section is greenfield which does not require proof of suitability.
South of Charlemont Shaft		2,530	879	3,409	127	2,404	176	703	Limited analytical data - anticipated to be similar to Charlemont Station	-
Route Wide									**Route Wide**	
TBM Tunnels		273,522	542,962	816,484	136,761	136,761	271,481	271,481	Limited analytical data independent of station locations	-
Bridges, Viaducts		6,404	-	6,404	320	6,084			Soil - Cadmium, Mercury, Nickel	
Total Excavated Material (m3)	153,458	1,819,328	1,052,221	3,025,588	705,813	1,114,096	418,909	633,312		
Percentage (%)	5%	58%	32%							
Backfill required				**99,931**						
Total Surplus Excavated Material				**2,925,657**						

Note: Estimated material quantities denoted as "Mixed" have been evenly divided between "Soil" and "Rock" quantities for this assessment.

Appendix L. Arup Article 27 Assessment - Cross Sections

A1





EH 1:1000
EV 1:500

-50.000

CHAINAGE	LEVELS: T.O.R. DESIGN	LEVELS: GROUND	LEVELS: CUT / FILL DEPTHS
1+000	8.400	6.567	1.833
	8.400	6.635	1.765
	8.400	6.682	1.718
	8.400	6.328	2.072
	8.400	5.992	2.408
1+100	8.400	5.946	2.454
	8.400	5.879	2.521
	8.400	6.177	2.223
	8.400	6.604	1.796
	8.400	7.288	1.112
1+200	8.400	8.197	0.203
	8.400	8.547	-0.147
	8.400	8.198	0.202
	8.400	7.499	0.901
	8.400	7.231	1.169
1+300	8.400	7.019	1.381
	8.400	7.212	1.188
	8.400	7.136	1.264
	8.400	7.035	1.365
	8.400	6.965	1.435
1+400	8.400	7.013	1.387
	8.400	7.501	0.899
	8.400	7.665	0.735
	8.400	7.299	1.101
	8.386	6.448	1.938
1+500	8.347	4.142	4.205
	8.297	3.574	4.723
	8.247	1.000	7.247
1+550	8.222	3.193	5.030

8
9

WORKING DRAFT ARUP

10

Legend for Phase 5 ground investigation locations:

- Cut and cover section
- TOR — Rail Level (TOR
- By-Product — Assessed to be suitable for use as By-Product Soil and Stone
- Waste — Not suitable for use as a By-Product
- (PAH Se Mo) — The geo-chemical results indicate a low but acceptable level of polycyclic aromatic hydrocarbons (PAH), selenium (Se) or molybdenum (Mo)
- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results

Hole offset is +ve to the RIGHT of the baseline — HoleID (Offset)

Topsoil (TOP)
Silt (DST)
Made Ground (MG)
Gravel (GR)
Sand (Sa)
Rock (RCk)
Upper Brown Boulder Clay (UBrBC)
Upper Black Boulder Clay (UBkBC)

Made Ground - Fill
Fill (Made Ground)
Silty sandy gravelly CLAY
Sandy gravelly CLAY
Clayey sandy GRAVEL
Silty sandy cobbly Gravel
Silty sandy Gravel
TOPSOIL

Sandy gravelly cobbly CLAY
LIMESTONE
Silty sandy gravelly cobbly CLAY
NO RECOVERY
Sandy cobbly GRAVEL
Sandy GRAVEL
Cobbly GRAVEL
Gravelly SAND

Silty SAND
Clayey gravelly SAND
MUDSTONE
Silty gravelly cobbly SAND
Clayey SAND
Sandy CLAY
CLAY
Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

- Made ground (QX)
- Alluvial sand and gravels (QAG)
- Fluvio-Glacial sands within Glacial deposits
- Brown Boulder Clay (QBR)
- Black Boulder Clay (QBL)
- Sands & gravels at the bottom of the Glacial deposits
- Upper weathered rock level
- Phreatic level
- Interpreted Bedding
- Interpreted Faults

Rock layers:

- Argillaceous Bioclastic Limestone (CMUP) Upper member of Malahide Formation
- Biomicritic Limestone with thin shale interbedded (CMLO) Lower member of Malahide Formation
- Micritic Limestone (CWA) Waulsortian Formation
- Calcareous Shale (CTO) Tober Colleen Formation
- Argillaceous Limestone (CLU) Lucan Formation

Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 2 of 29

Notes:
1. The geological interpretation presented on the figure has been taken from the drawings (ML1-JAI-GEO-ROUT_XX-DR-Y-00021 dated 3/4/20) prepared by Jacobs IDOM. Arup have not provided any interpretation.
2. The geological and geo-chemical information presented on the borehole logs is derived from the records of Phase 5 Ground Investigation undertaken by Causeway between December 2020 and May 2021.

Rev	Date	By	Chkd	Appd
D01	xx/11/20	EG	CN	SM
Preliminary				

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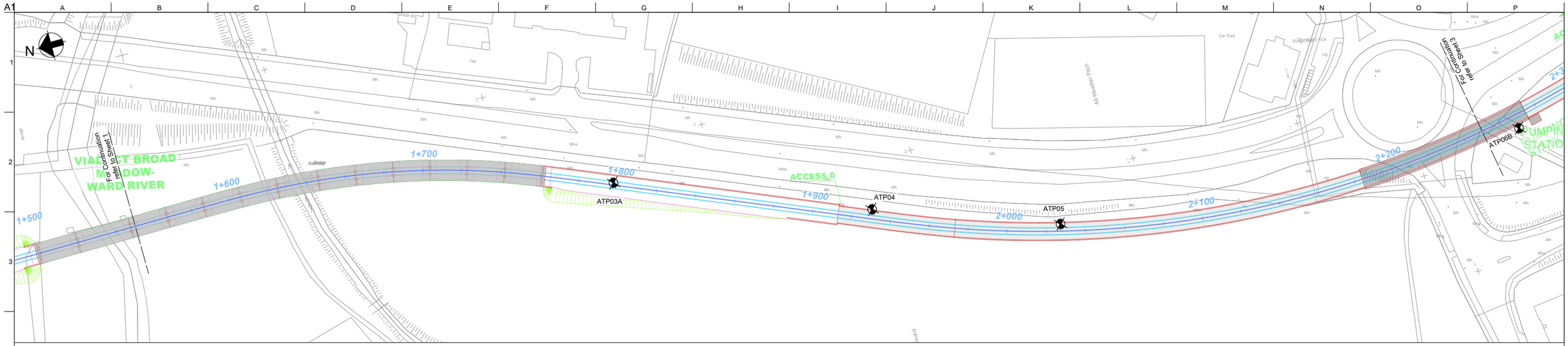
Client

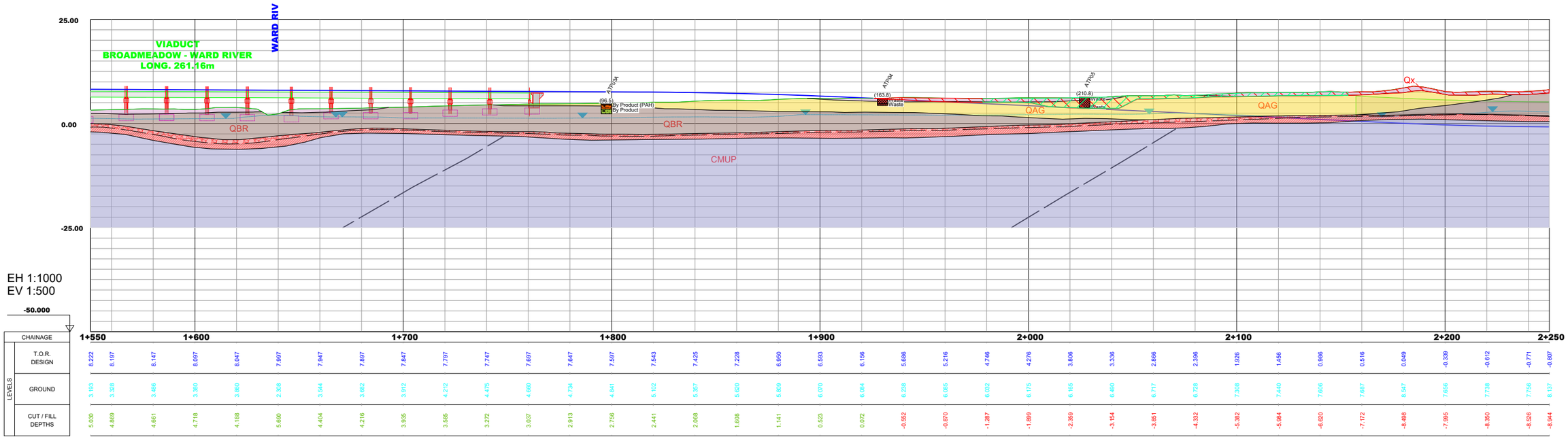
Project Title
Metrolink - Article 27

Drawing Title
Plan and Section showing the areas of suitable By Product soil and stone Sheet 1 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev
Name: -ARP-

Do not scale





WORKING DRAFT ARUP

Legend for Phase 5 ground investigation locations:

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- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results
- Hole offset is +ve to the RIGHT of the baseline (Offset)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)

- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL

- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND

- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 7 of 29

Notes:
1. The geological interpretation presented on the figure has been taken from the drawings (ML1-JAI-GEO-ROUT_XX-DR-Y-00021 dated 3/4/20) prepared by Jacobs IDOM. Arup have not provided any interpretation.
2. The geological and geo-chemical information presented on the borehole logs is derived from the records of Phase 5 Ground Investigation undertaken by Causeway between December 2020 and May 2021.

Rev	Date	By	Chkd	Appd
D01	xx/11/20	EG	CN	SM

Preliminary

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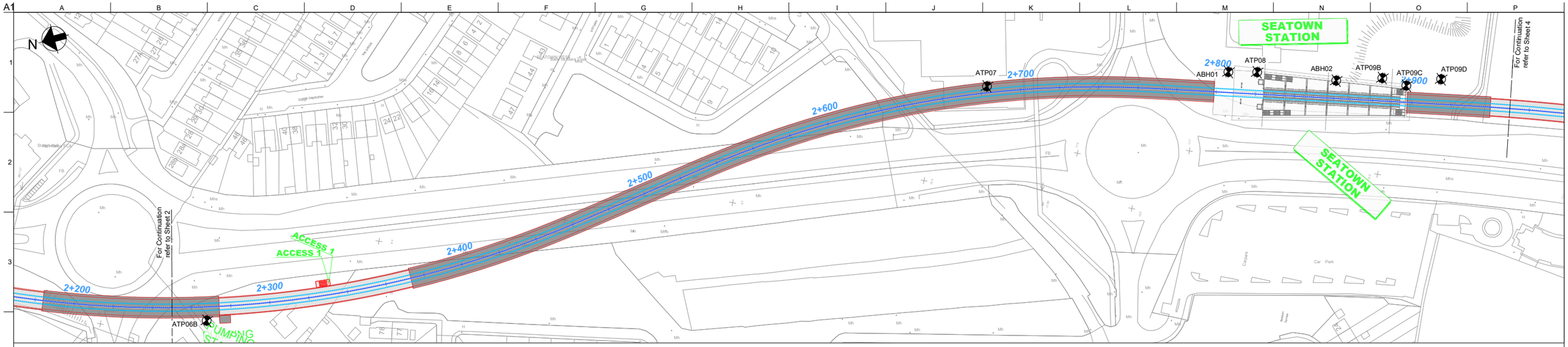
Client

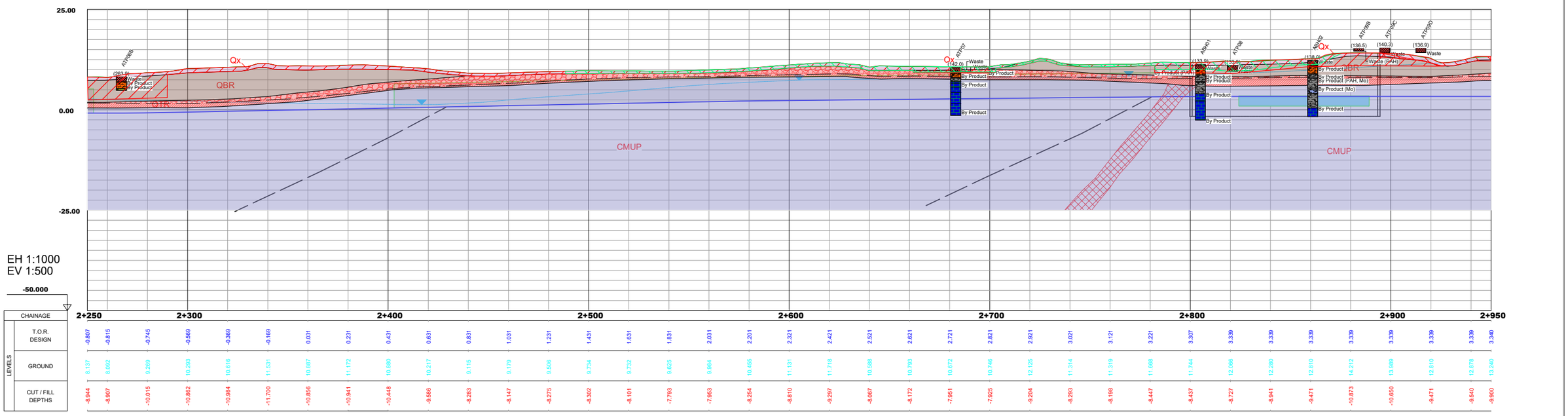
Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale





Legend for Phase 5 ground investigation locations:

- Cut and cover section
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- By-Product — Assessed to be suitable for use as By-Product Soil and Stone
- Waste — Not suitable for use as a By-Product
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- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results
- Hole offset is +ve to the RIGHT of the baseline (Offset)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

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- Upper weathered rock level
- Phreatic level
- Interpreted Bedding
- Interpreted Faults

Rock layers:

- Argillaceous Bioclastic Limestone (CMUP) Upper member of Malahide Formation
- Biomicritic Limestone with thin shale interbedded (CMLO) Lower member of Malahide Formation
- Micritic Limestone (CWA) Waulsortian Formation
- Calcareous Shale (CTO) Tober Colleen Formation
- Argillaceous Limestone (CLU) Lucan Formation

Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 7 of 29

WORKING DRAFT

Notes:
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Rev	Date	By	Chkd	Appd
D01	xx/11/20	EG	CN	SM
Preliminary				

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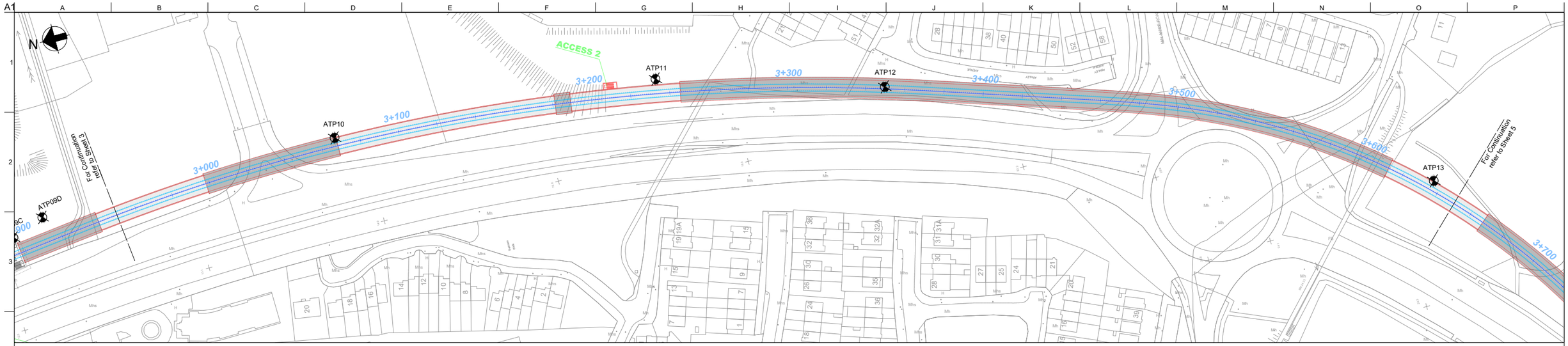
Client

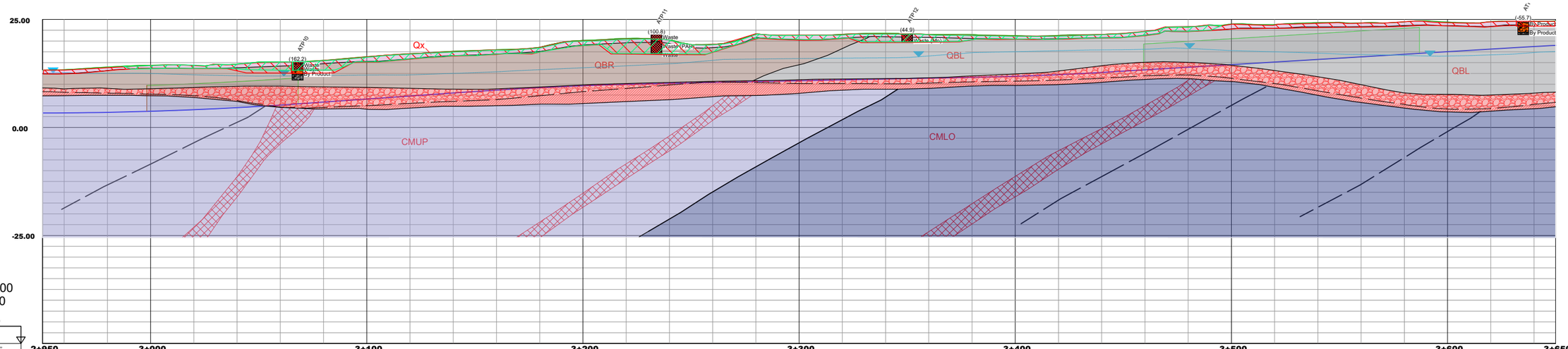
Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale





EH 1:1000
EV 1:500

CHAINAGE	2+950	3+000	3+100	3+200	3+300	3+400	3+500	3+600	3+650
LEVELS T.O.R. DESIGN	3.340	3.365	3.499	3.747	4.110	4.587	5.178	5.866	6.566
LEVELS GROUND	13.240	13.381	13.962	14.408	14.375	14.692	15.172	15.530	16.377
LEVELS CUT / FILL DEPTHS	-9.900	-10.016	-10.464	-10.661	-10.265	-10.105	-9.994	-9.664	-9.811

CHAINAGE	3+700	3+750	3+800	3+850	3+900	3+950	4+000	4+050	4+100	4+150	4+200	4+250	4+300	4+350	4+400	4+450	4+500	4+550	4+600	4+650	4+700	4+750	4+800	4+850	4+900	4+950	5+000	5+050	5+100	5+150	5+200
LEVELS T.O.R. DESIGN	7.266	7.466	7.966	8.637	9.198	9.644	9.976	10.201	10.401	10.601	10.801	11.001	11.201	11.401	11.601	11.844	12.218	12.726	13.323	13.923	14.523	15.123	15.723	16.323	16.923	17.523	18.123	18.722	18.993		
LEVELS GROUND	17.090	17.631	18.003	18.561	20.154	20.629	20.378	19.242	21.678	21.328	21.567	21.816	21.546	21.500	21.272	21.318	21.522	22.268	23.183	21.960	23.818	24.262	24.195	24.424	24.384	24.465	24.558	24.630			
LEVELS CUT / FILL DEPTHS	-9.823	-9.865	-9.366	-9.364	-10.510	-10.653	-10.177	-9.841	-11.077	-10.527	-10.586	-10.616	-10.145	-9.899	-9.428	-9.100	-8.797	-8.885	-9.260	-9.437	-8.695	-8.939	-7.871	-7.501	-6.860	-6.372	-5.836	-5.637			

WORKING DRAFT ARUP

Legend for Phase 5 ground investigation locations:

- Cut and cover section
- TOR — Rail Level (TOR
- By-Product — Assessed to be suitable for use as By-Product Soil and Stone
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- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results
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- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:
- Made ground (QX)
- Alluvial sand and gravels (QAG)
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- Black Boulder Clay (QBL)
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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 7 of 29

Notes:
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Preliminary

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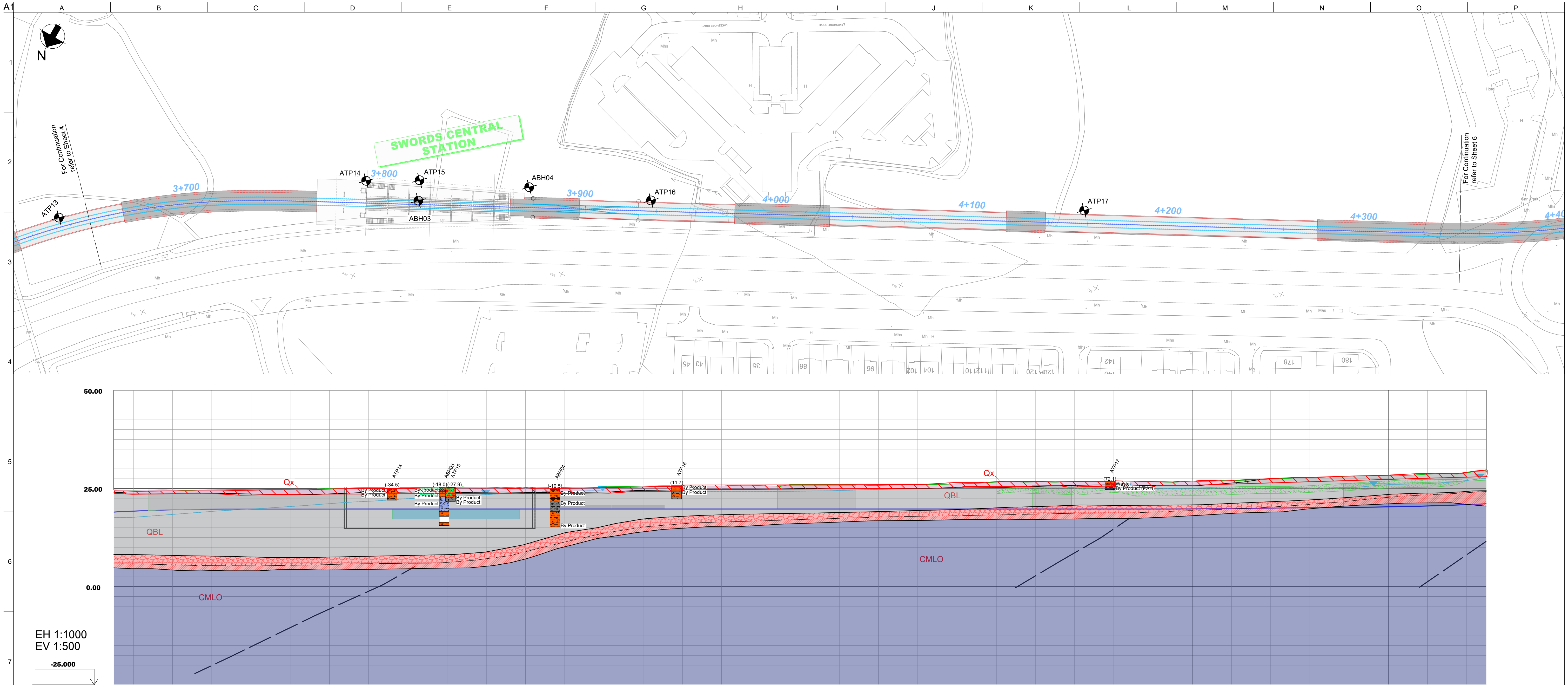
Client

Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale



CHAINAGE	LEVELS: T.O.R. DESIGN	LEVELS: GROUND	LEVELS: CUT / FILL DEPTHS
3+650	18.993	24.630	-5.637
	19.224	24.564	-5.340
	19.562	24.612	-5.050
3+700	19.737	24.640	-4.903
	19.764	24.771	-5.008
	19.764	24.827	-5.063
	19.764	25.008	-5.245
	19.764	25.205	-5.441
3+800	19.764	25.213	-5.449
	19.764	25.388	-5.624
	19.764	25.341	-5.577
	19.764	25.399	-5.636
	19.764	25.267	-5.503
3+900	19.764	25.431	-5.667
	19.764	25.592	-5.829
	19.764	25.697	-5.933
	19.764	25.660	-5.896
	19.764	25.715	-5.951
4+000	19.764	26.018	-6.254
	19.764	26.080	-6.316
	19.764	25.806	-6.042
	19.764	25.900	-6.137
	19.764	26.158	-6.395
4+100	19.764	26.592	-6.829
	19.764	26.654	-6.891
	19.764	26.708	-6.945
	19.764	26.694	-6.930
	19.765	26.652	-6.888
4+200	19.804	26.654	-6.850
	19.895	26.922	-7.027
	19.995	27.381	-7.386
	20.095	27.704	-7.610
	20.195	28.167	-7.973
4+300	20.315	28.284	-7.968
	20.541	28.628	-8.087
	20.881	28.989	-8.108
4+350	21.094	29.520	-8.426

WORKING DRAFT ARUP

Legend for Phase 5 ground investigation locations:

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Legend for Jacobs Idom geological section:

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 7 of 29

Notes:
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Preliminary				

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Client

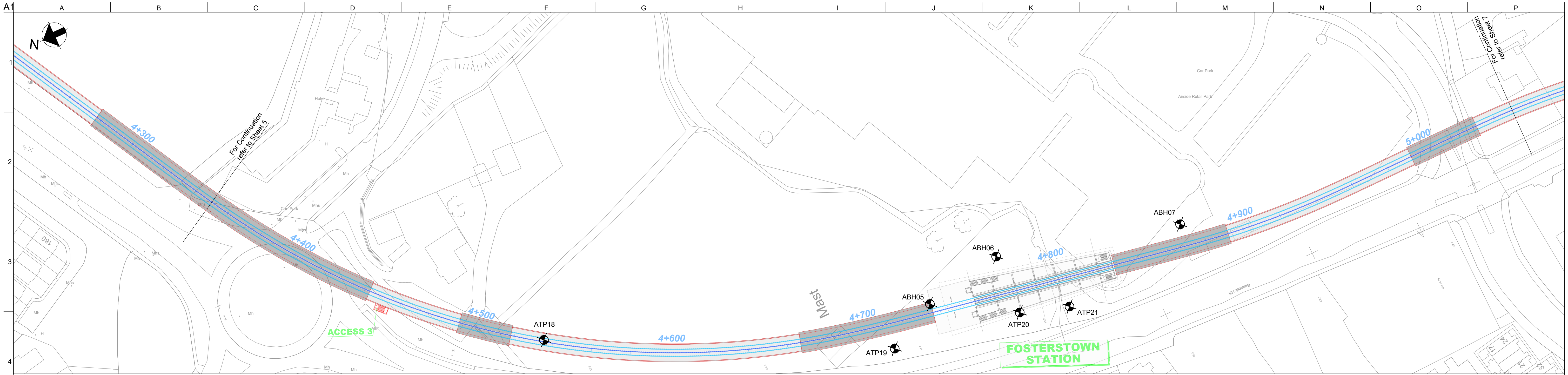
Project Title
Metrolink - Article 27

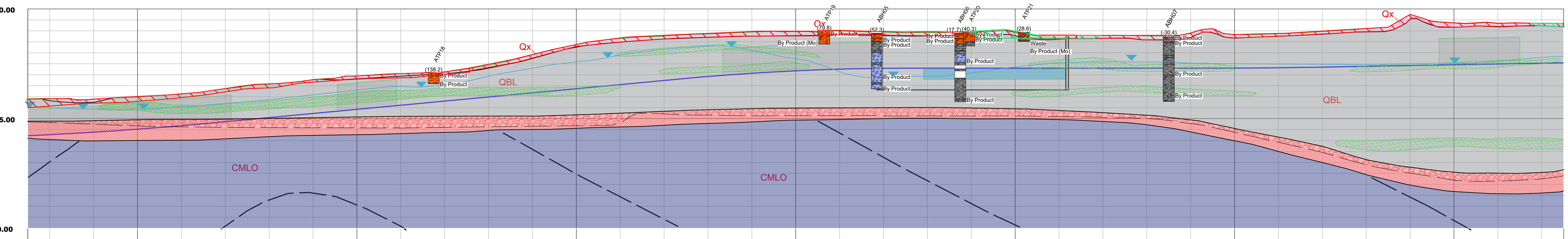
Drawing Title
Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev
Name: -ARP-

Do not scale

A1





EH 1:1000
EV 1:500

-25.000

CHAINAGE	LEVELS: T.O.R. DESIGN	LEVELS: GROUND	LEVELS: CUT / FILL DEPTHS
4+350	21.094	29.520	-8.426
	21.336	29.585	-8.250
	21.904	29.476	-7.572
4+400	22.587	29.912	-7.324
	23.384	30.690	-7.305
	24.292	31.818	-7.526
	25.232	32.864	-7.631
	26.172	33.831	-7.659
4+500	27.112	34.721	-7.608
	28.052	35.284	-7.232
	28.992	35.676	-6.684
	29.932	37.166	-7.234
	30.872	39.549	-8.676
4+600	31.812	41.875	-10.063
	32.752	43.265	-10.512
	33.692	43.820	-10.128
	34.595	44.306	-9.711
	35.331	44.730	-9.399
4+700	35.888	44.823	-8.936
	36.266	44.991	-8.725
	36.466	44.674	-8.208
	36.500	44.644	-8.144
	36.500	44.657	-8.157
4+800	36.500	44.598	-8.098
	36.500	43.913	-7.413
	36.500	43.873	-7.373
	36.500	43.851	-7.351
	36.500	44.460	-7.960
4+900	36.509	44.199	-7.690
	36.588	44.339	-7.750
	36.744	44.859	-8.114
	36.921	45.481	-8.560
	37.098	48.720	-11.621
5+000	37.275	46.782	-9.507
	37.452	46.668	-9.216
	37.629	46.682	-9.053
5+050	37.718	46.655	-8.937

WORKING DRAFT ARUP

Legend for Phase 5 ground investigation locations:

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Hole offset is +ve to the RIGHT of the baseline — HoleID (Offset)

Topsoil (TOP); Silt (DST); Made Ground (MG); Gravel (GR); Sand (Sa); Rock (RCk); Upper Brown Boulder Clay (UBrBC); Upper Black Boulder Clay (UBkBC)

Made Ground - Fill; Fill (Made Ground); Silty sandy gravelly CLAY; Sandy gravelly CLAY; Clayey sandy GRAVEL; Silty sandy cobbly Gravel; Silty sandy Gravel; TOPSOIL

Sandy gravelly cobbly CLAY; LIMESTONE; Silty sandy gravelly cobbly CLAY; NO RECOVERY; Sandy cobbly GRAVEL; Sandy GRAVEL; Cobbly GRAVEL; Gravelly SAND

Silty SAND; Clayey gravelly SAND; MUDSTONE; Silty gravelly cobbly SAND; Clayey SAND; Sandy CLAY; CLAY; Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:
- Made ground (QX)
- Alluvial sand and gravels (QAG)
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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 7 of 29

Notes:
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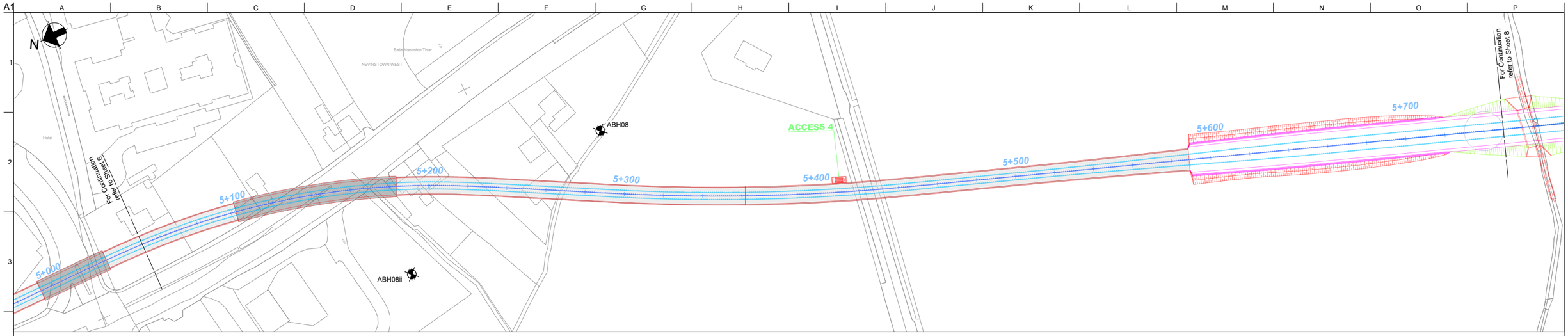
Client

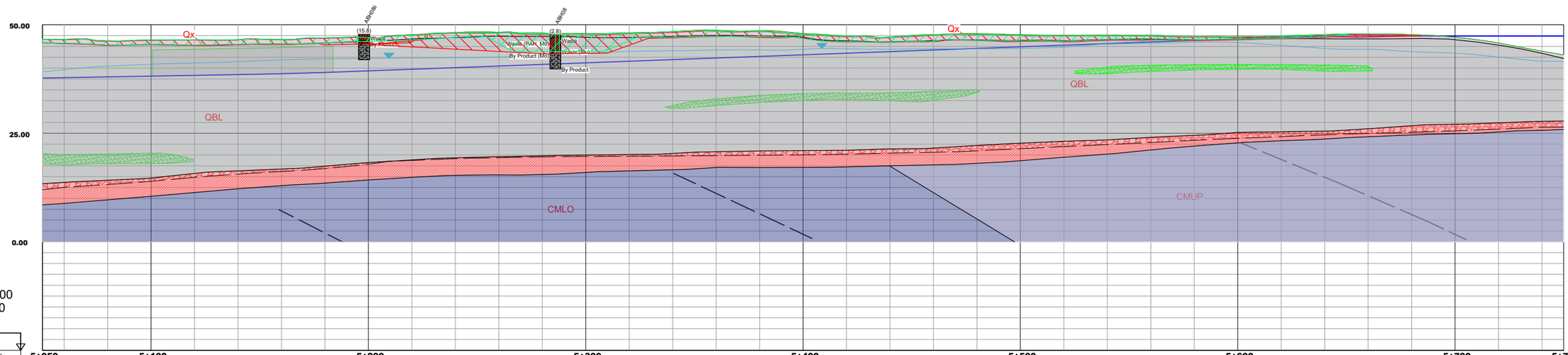
Project Title
Metrolink - Article 27

Drawing Title
Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale





CHAINAGE	5+050	5+100	5+200	5+300	5+400	5+500	5+600	5+700	5+750
T.O.R. DESIGN	37.718	37.806	37.983	38.160	38.337	38.514	38.713	39.002	39.365
GROUND	46.655	46.639	46.305	46.468	46.555	46.588	46.672	46.946	47.187
CUT / FILL DEPTHS	-8.937	-8.829	-8.321	-8.307	-8.217	-8.073	-7.959	-7.945	-7.822

CHAINAGE	5+750	5+800	5+850	5+900	5+950	6+000	6+050	6+100	6+150	6+200	6+250	6+300	6+350	6+400	6+450	6+500	6+550	6+600	6+650	6+700	6+750	6+800	6+850	6+900	6+950	7+000
T.O.R. DESIGN	39.735	40.105	40.475	40.845	41.215	41.585	41.955	42.325	42.695	43.065	43.435	43.805	44.175	44.545	44.915	45.285	45.655	46.025	46.395	46.765	47.084	47.288	47.377	47.382	47.382	47.382
GROUND	47.697	48.207	48.282	48.057	47.965	48.127	48.446	48.700	48.598	47.939	47.440	47.171	47.715	47.924	47.884	47.937	47.818	47.851	47.342	47.252	47.449	47.735	47.970	47.713	47.140	45.810
CUT / FILL DEPTHS	-7.962	-8.102	-7.787	-7.212	-6.751	-6.542	-6.490	-6.375	-5.903	-4.874	-4.004	-3.365	-3.539	-3.379	-2.769	-2.302	-1.963	-1.526	-0.946	-0.497	-0.366	-0.447	-0.493	-0.331	0.242	1.572

CHAINAGE	7+000	7+050
T.O.R. DESIGN	47.382	47.382
GROUND	43.886	43.638
CUT / FILL DEPTHS	3.496	4.344

WORKING DRAFT ARUP

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 7 of 29

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Project Title: Metrolink - Article 27

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Role: Civil
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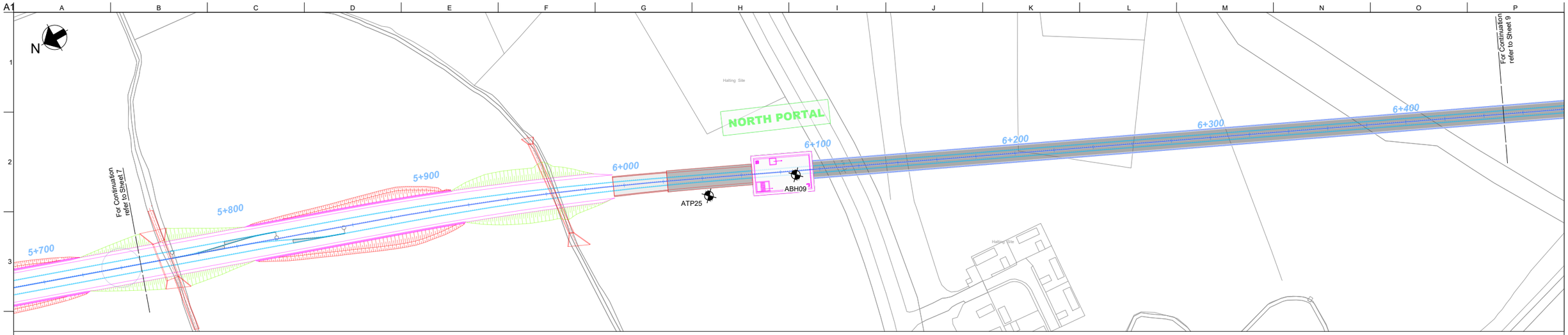

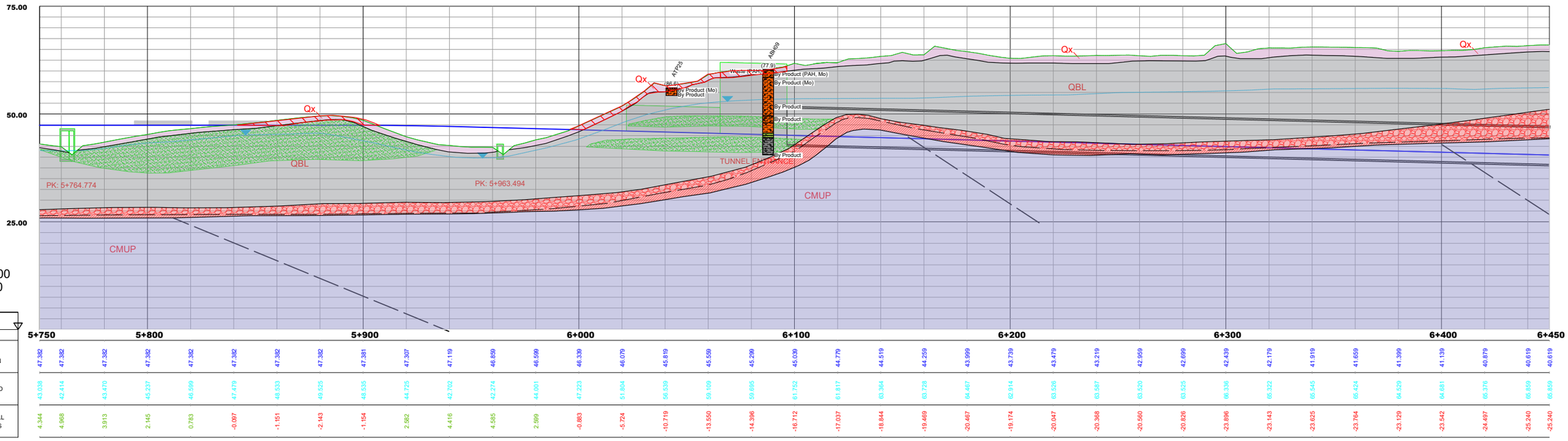

WORKING DRAFT

ARUP

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- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
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- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
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- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
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- MUDSTONE
- Silty gravelly cobbly SAND
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- Sandy CLAY
- CLAY
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Legend for Jacobs Idom geological section:

Soil layers:

- Made ground (QX)
- Alluvial sand and gravels (QAG)
- Fluvio-Glacial sands within Glacial deposits
- Brown Boulder Clay (QBR)
- Black Boulder Clay (QBL)
- Sands & gravels at the bottom of the Glacial deposits
- Upper weathered rock level
- Phreatic level
- Interpreted Bedding
- Interpreted Faults

Rock layers:

- Argillaceous Bioclastic Limestone (CMUP) Upper member of Malahide Formation
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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 8 of 29

Notes:
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Preliminary				

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Client

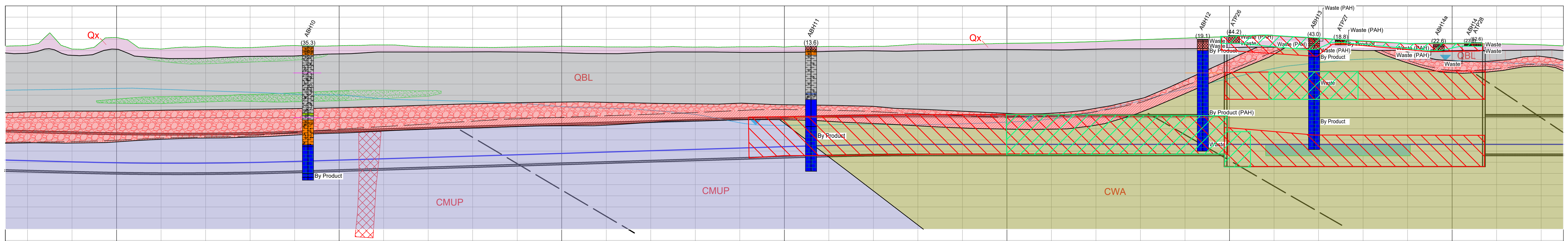
Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale

A1



EH 1:1000
EV 1:500

CHAINAGE

LEVELS

T.O.R. DESIGN	GROUND	CUT / FILL DEPTHS
40.359	66.124	-25.765
40.099	65.340	-25.240
39.888	67.934	-28.045
39.791	65.346	-25.555
39.809	65.893	-26.085
39.940	65.670	-25.730
40.186	66.125	-25.939
40.486	66.095	-25.609
40.786	66.271	-25.486
41.086	65.838	-24.752
41.386	65.735	-24.349
41.686	65.794	-24.109
41.986	65.974	-23.988
42.286	65.820	-23.535
42.586	65.847	-23.261
42.886	65.785	-22.899
43.186	65.851	-22.666
43.486	65.799	-22.313
43.765	65.927	-22.162
43.940	65.970	-22.030
44.000	66.479	-22.479
44.000	66.359	-22.359
44.000	66.634 66.632	-22.634
44.000	66.729	-22.729
44.000	67.009	-23.009
44.000	67.439	-23.439
44.000	67.791	-23.791
44.000	68.142	-24.142
44.000	68.381	-24.381
44.000	67.809	-23.809
44.000	67.146	-23.146
44.000	66.614	-22.614
44.000	66.487	-22.487
44.000	66.517	-22.517
44.000	66.282	-22.282

WORKING DRAFT ARUP

Legend for Phase 5 ground investigation locations:

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Hole offset is +ve to the RIGHT of the baseline — HoleID (Offset)

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 9 of 29

Notes:
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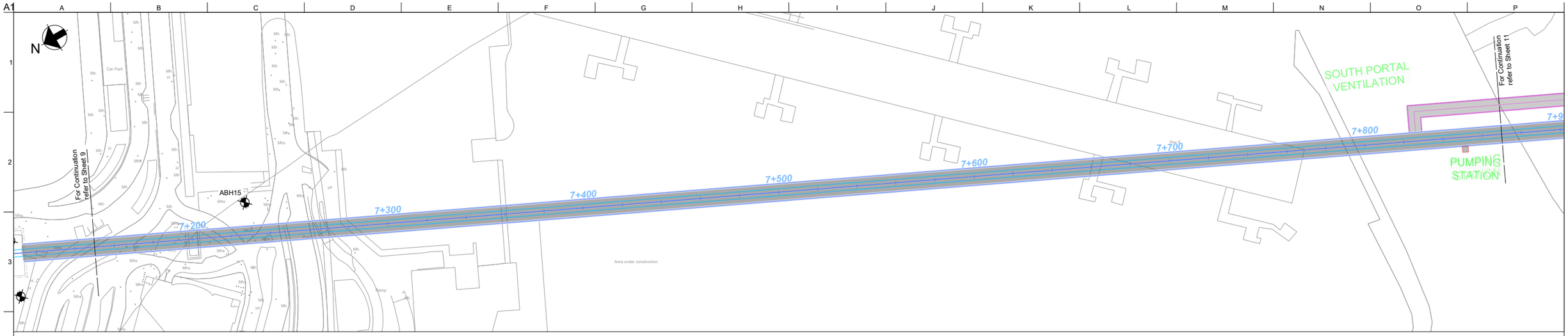
Client

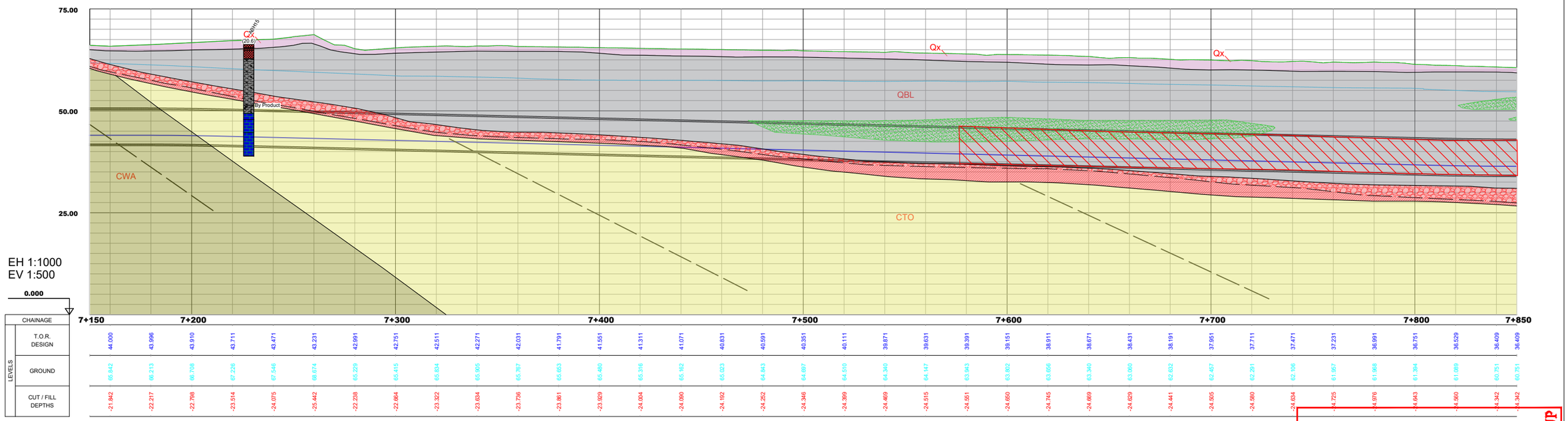
Project Title
Metrolink - Article 27

Drawing Title
Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev
Name: -ARP-

Do not scale





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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 9 of 29

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Scale at A1: 1:1000
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Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

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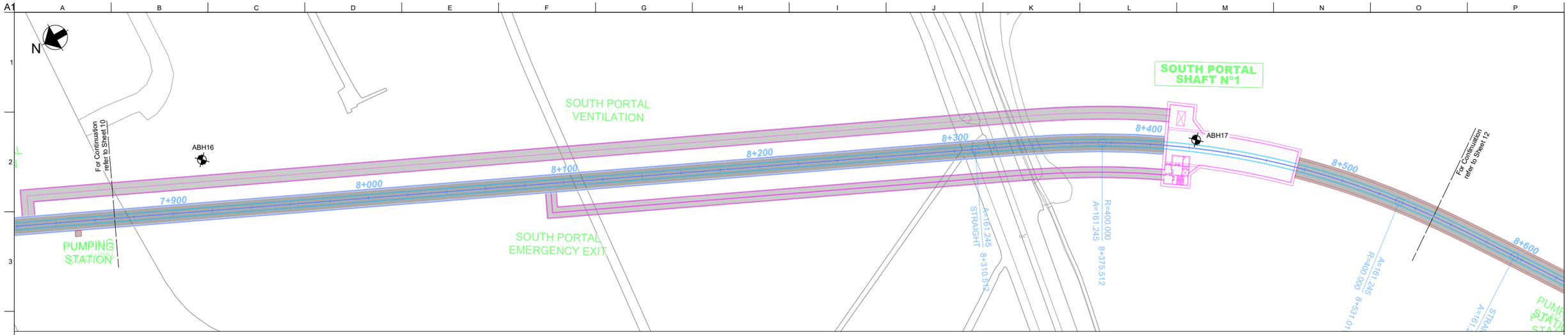

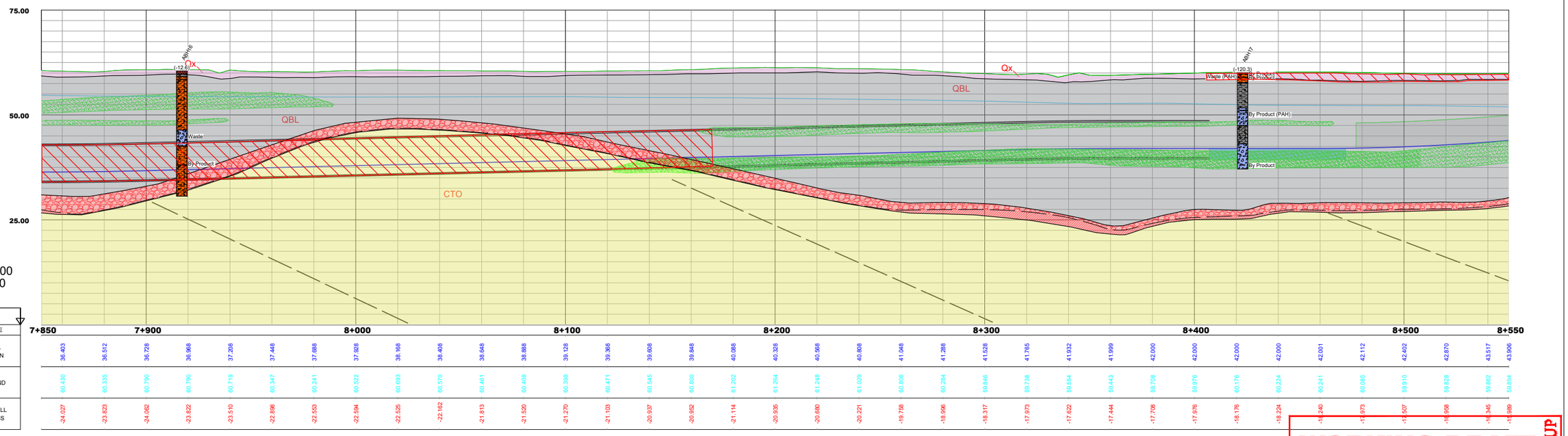

WORKING DRAFT

ARUP

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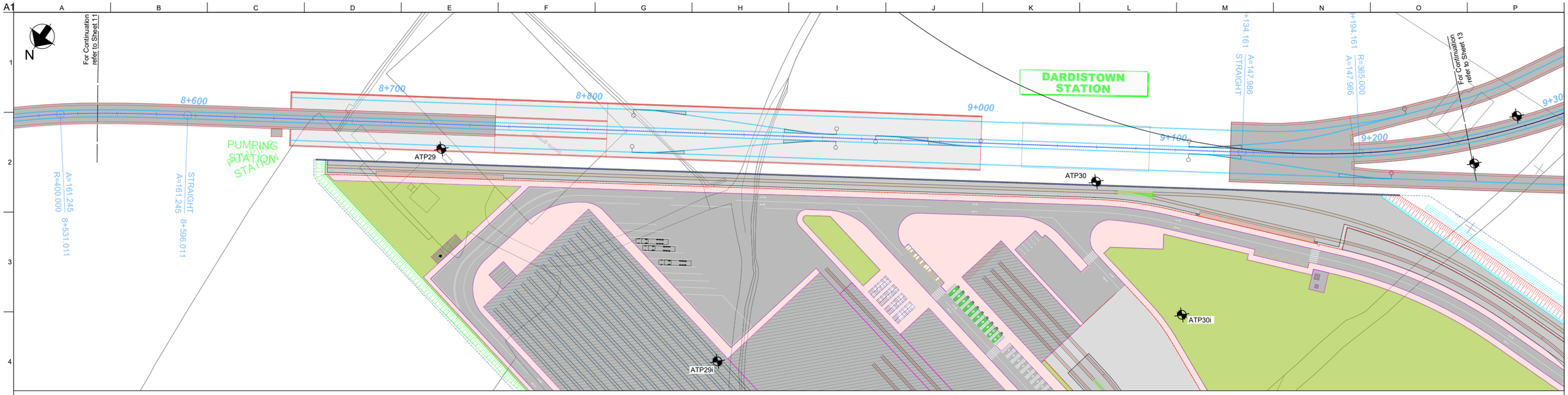
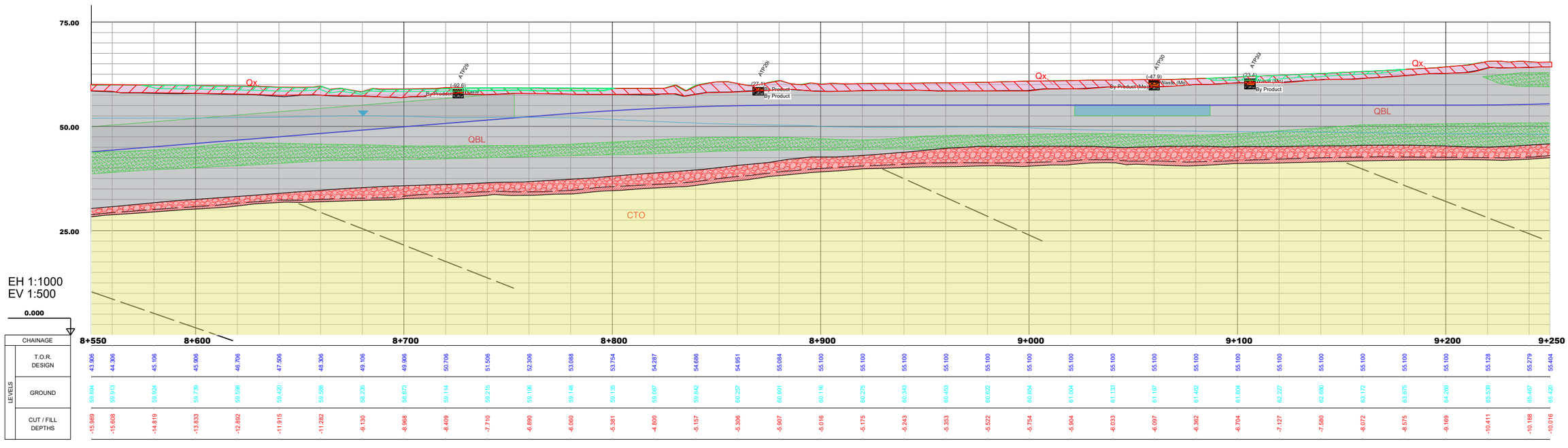
Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale





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Scale at A1: 1:1000
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Arup Job No: 274678-00
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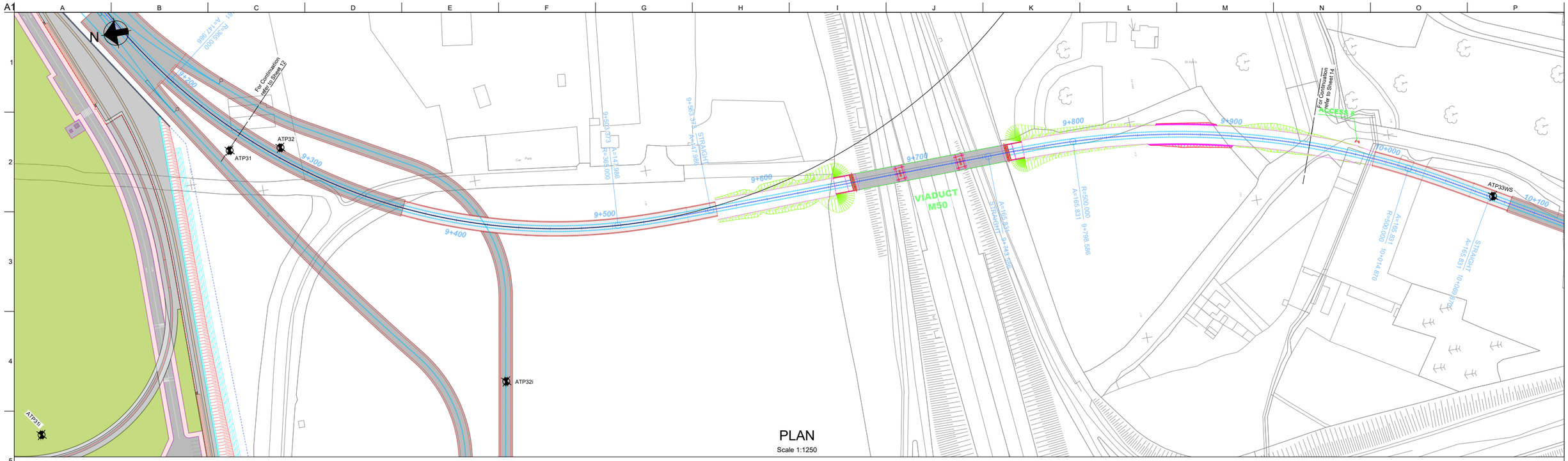
Do not scale



PLAN

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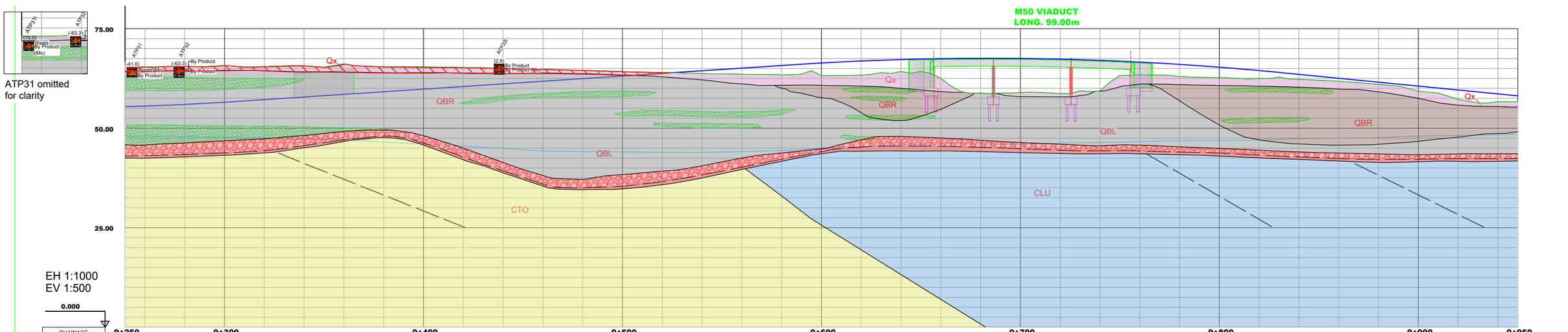

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Arup Job No: 274678-00
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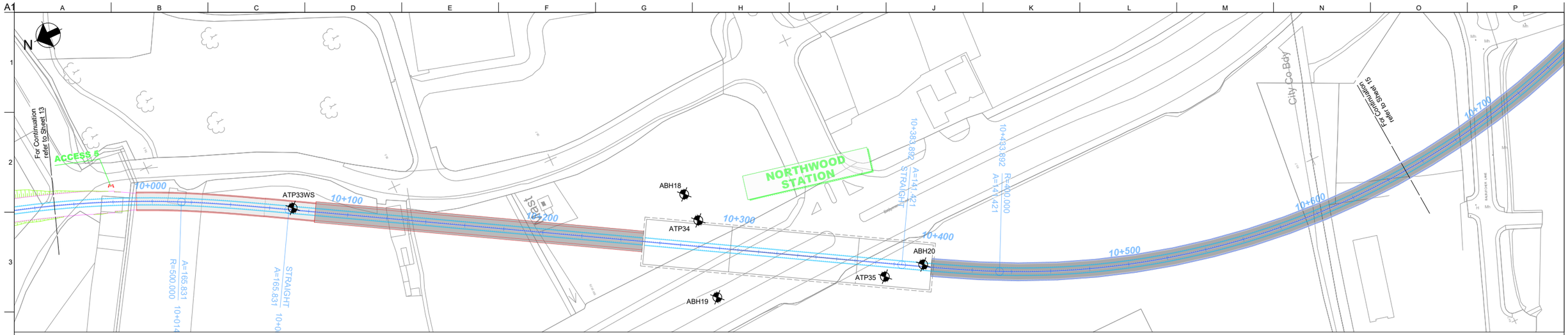

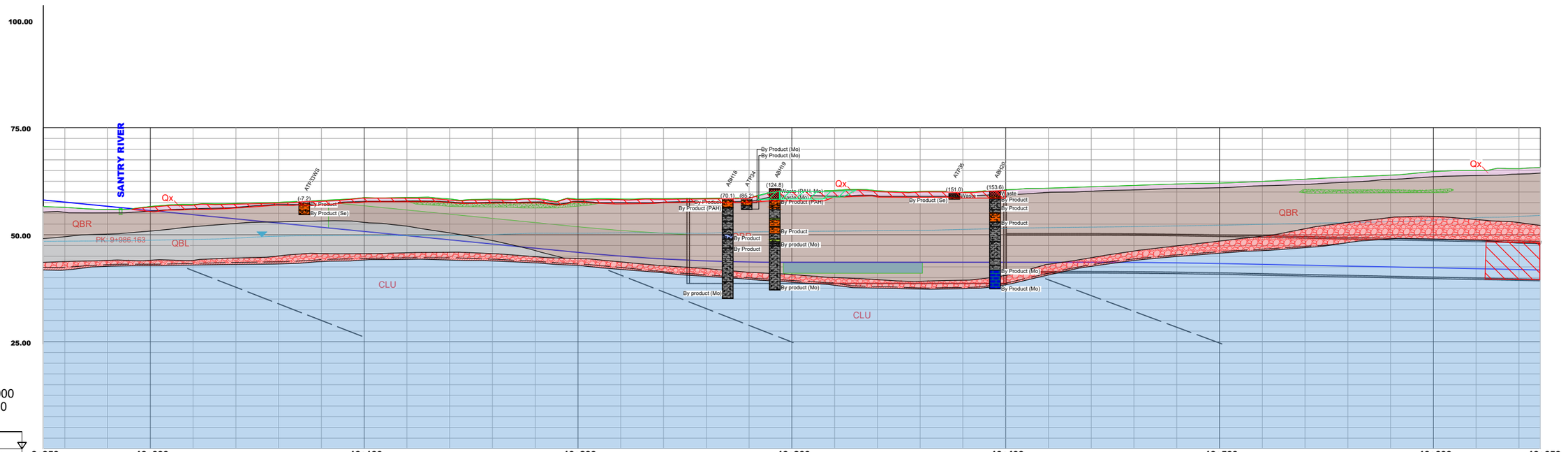

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Soil layers:

- Made ground (QX)
- Alluvial sand and gravels (QAG)
- Fluvio-Glacial sands within Glacial deposits
- Brown Boulder Clay (QBR)
- Black Boulder Clay (QBL)
- Sands & gravels at the bottom of the Glacial deposits
- Upper weathered rock level
- Phreatic level
- Interpreted Bedding
- Interpreted Faults

Rock layers:

- Argillaceous Bioclastic Limestone (CMUP) Upper member of Malahide Formation
- Biomicritic Limestone with thin shale interbedded (CMLO) Lower member of Malahide Formation
- Micritic Limestone (CWA) Waulsortian Formation
- Calcareous Shale (CTO) Tober Colleen Formation
- Argillaceous Limestone (CLU) Lucan Formation

Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 9 of 29

Notes:
1. The geological interpretation presented on the figure has been taken from the drawings (ML1-JAI-GEO-ROUT_XX-DR-Y-00021 dated 3/4/20) prepared by Jacobs IDOM. Arup have not provided any interpretation.
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Rev	Date	By	Chkd	Appd
D01	xx/11/20	EG	CN	SM
Preliminary				

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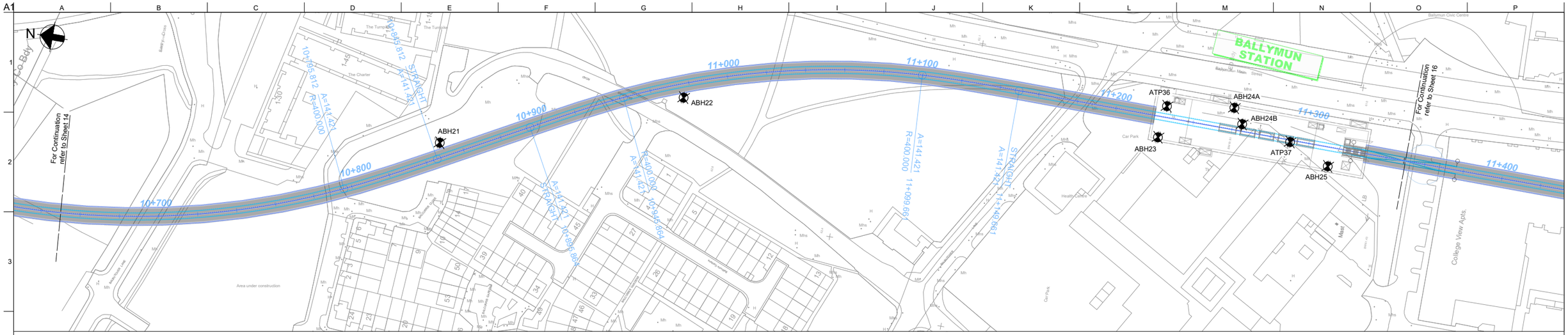
Client

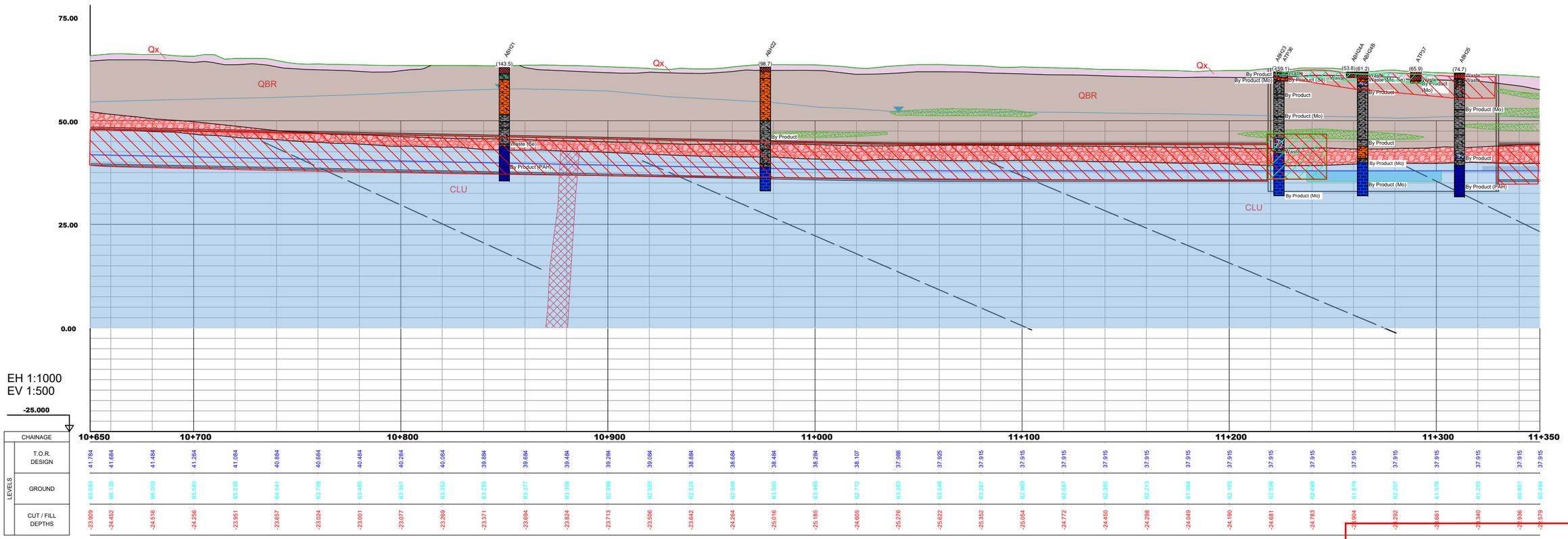
Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 9 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale





WORKING DRAFT ARUP

Legend for Phase 5 ground investigation locations:

- Cut and cover section
- TOR — Rail Level (TOR
- By-Product — Assessed to be suitable for use as By-Product Soil and Stone
- Waste — Not suitable for use as a By-Product
- (PAH Se Mo) — The geo-chemical results indicate a low but acceptable level of polycyclic aromatic hydrocarbons (PAH), selenium (Se) or molybdenum (Mo)
- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results
- Hole offset is +ve to the RIGHT of the baseline (Offset)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)

- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL

- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND

- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

- Made ground (QX)
- Alluvial sand and gravels (QAG)
- Fluvio-Glacial sands within Glacial deposits
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- Phreatic level
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Rock layers:

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 16 of 29

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Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 15 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale

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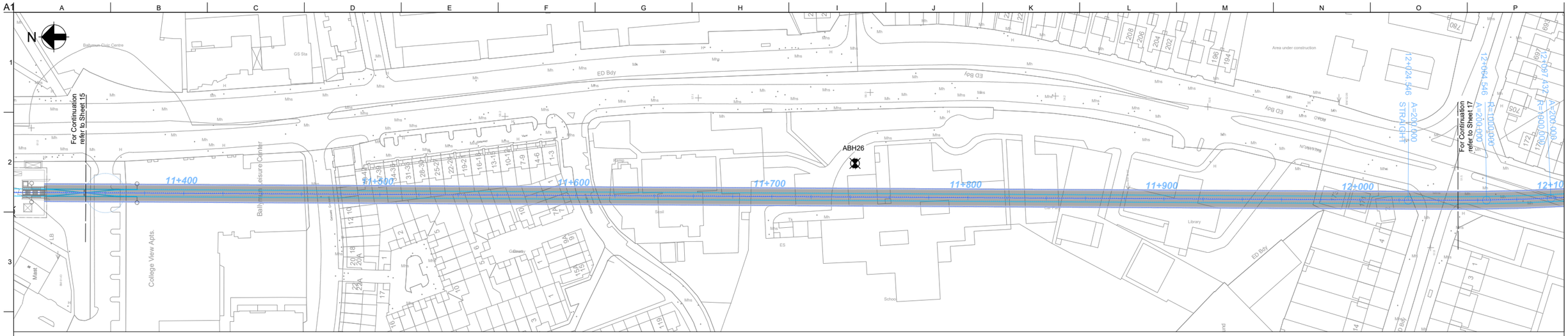

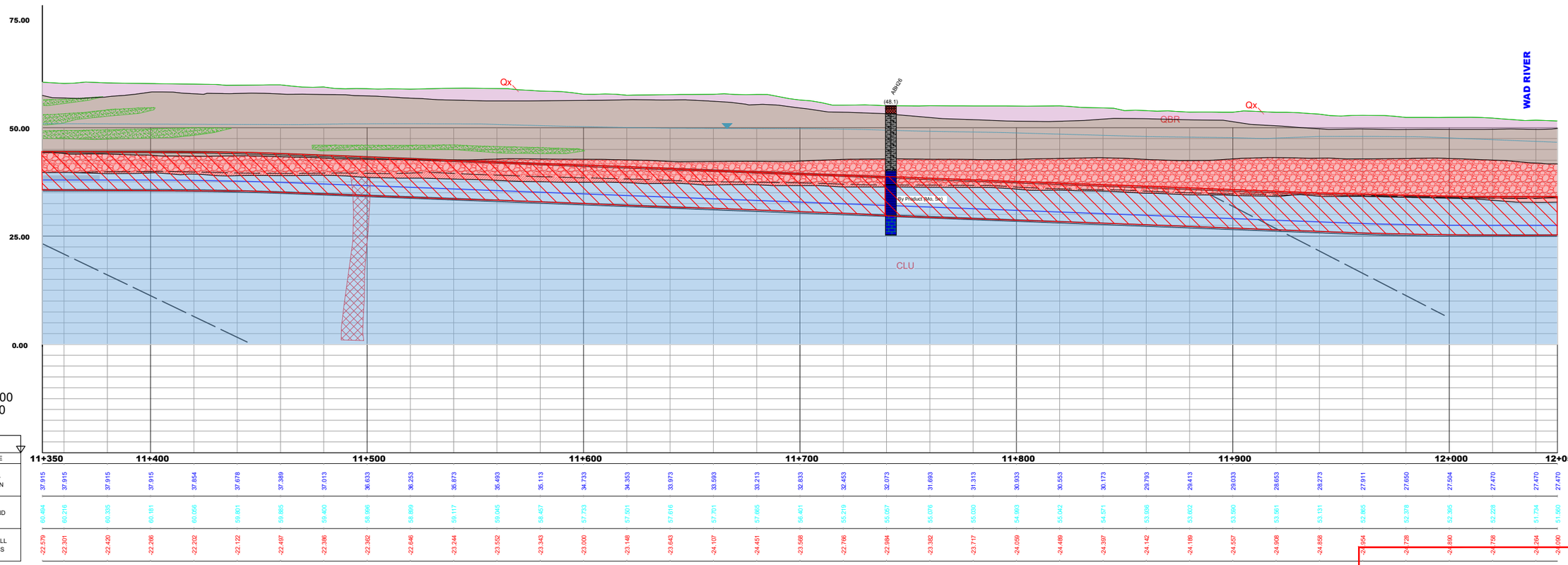

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ARUP

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- Hole offset is +ve to the RIGHT of the baseline (Offset)
- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 17 of 29

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Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 16 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale

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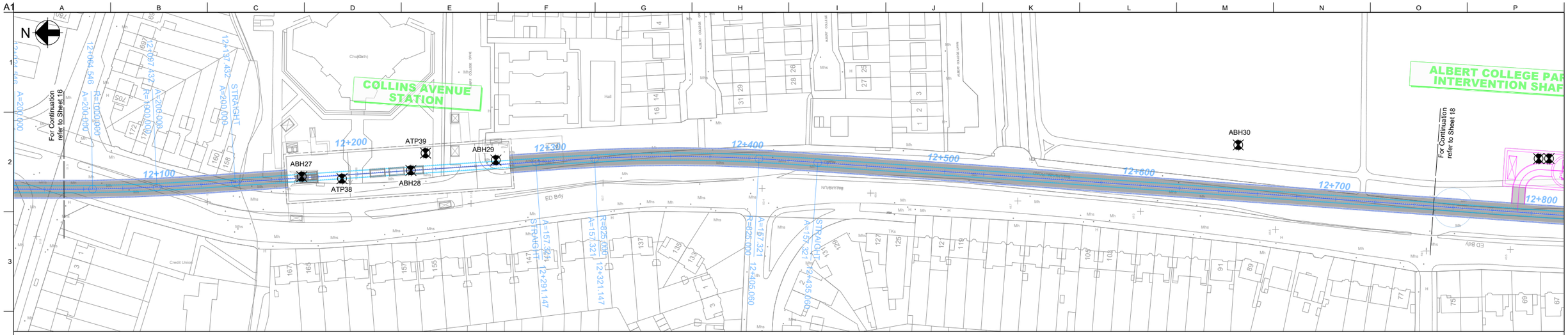

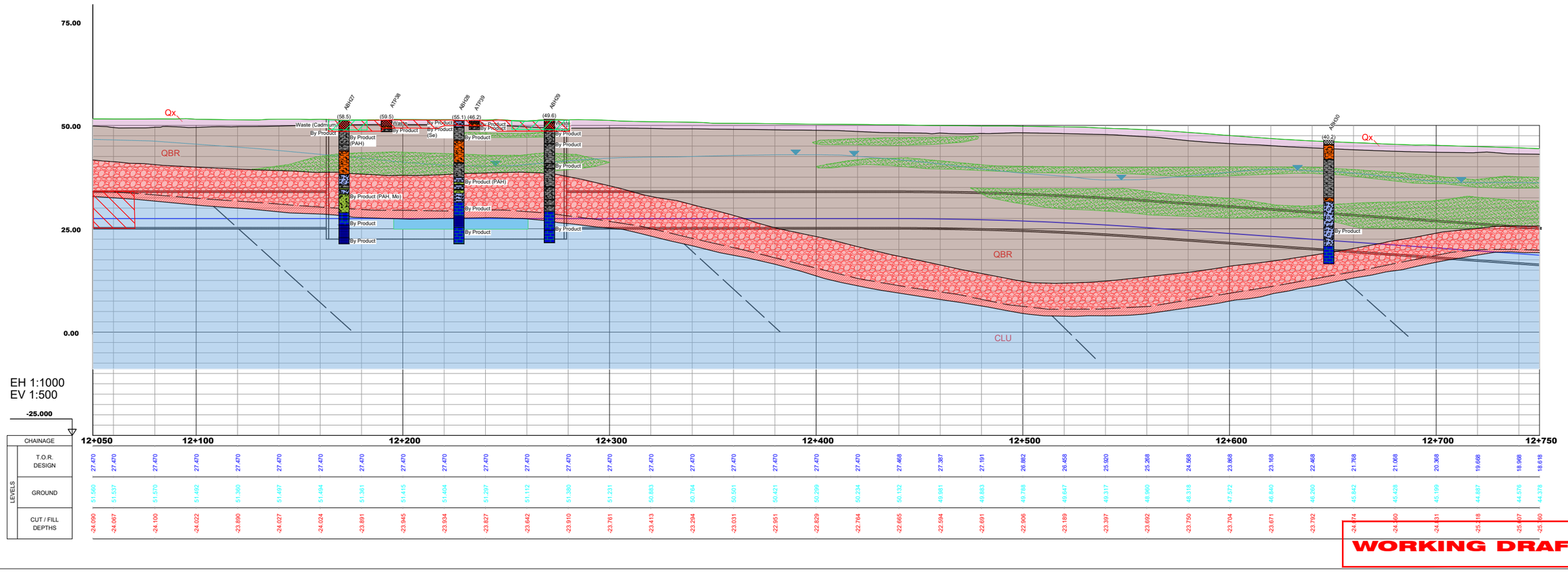

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- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results
- Hole offset is +ve to the RIGHT of the baseline (Looking Ahead)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
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- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
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Legend for Jacobs Idom geological section:

Soil layers:

- Made ground (QX)
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Rock layers:

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 18 of 29

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Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 17 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale

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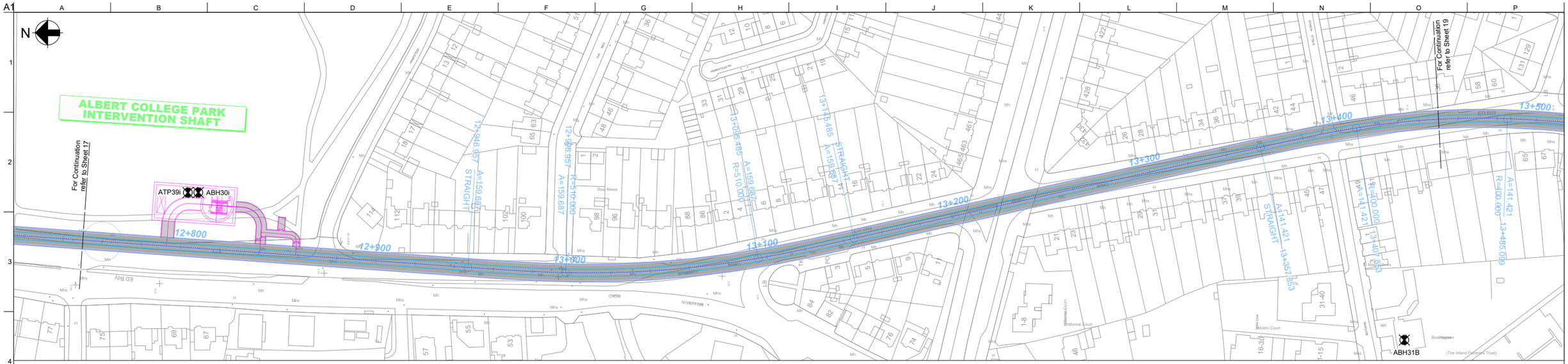

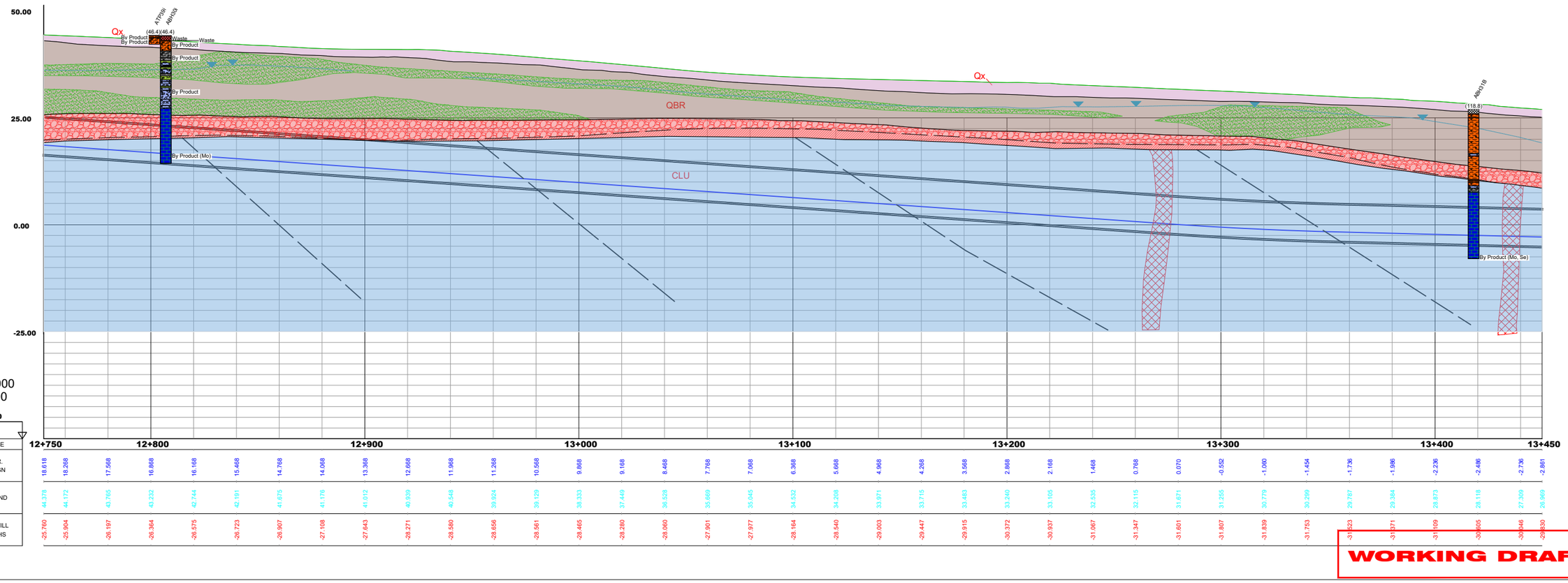

Legend for Phase 5 ground investigation locations:

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- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
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- Hole offset is +ve to the RIGHT of the baseline (Offset)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
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- Made Ground - Fill
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- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
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- CLAY
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Legend for Jacobs Idom geological section:

Soil layers:
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Rock layers:
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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 19 of 29

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Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 18 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
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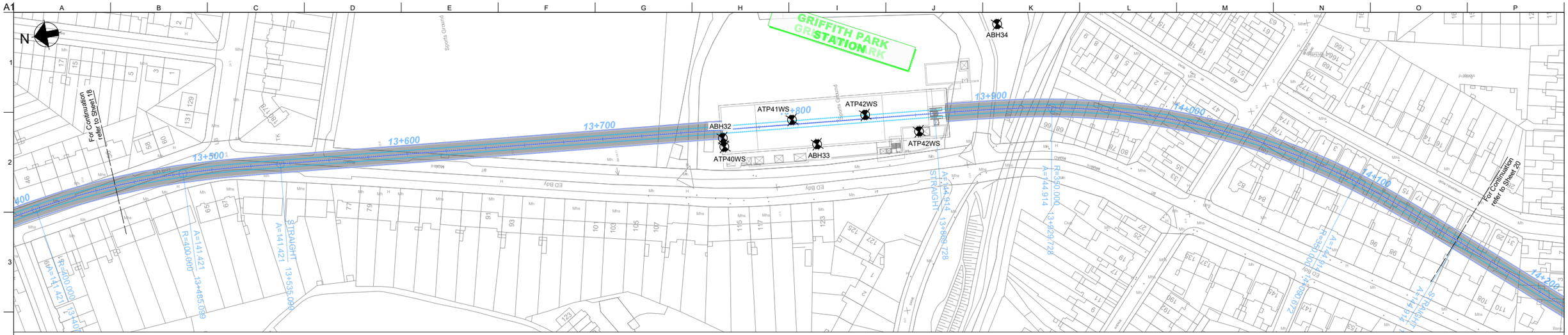
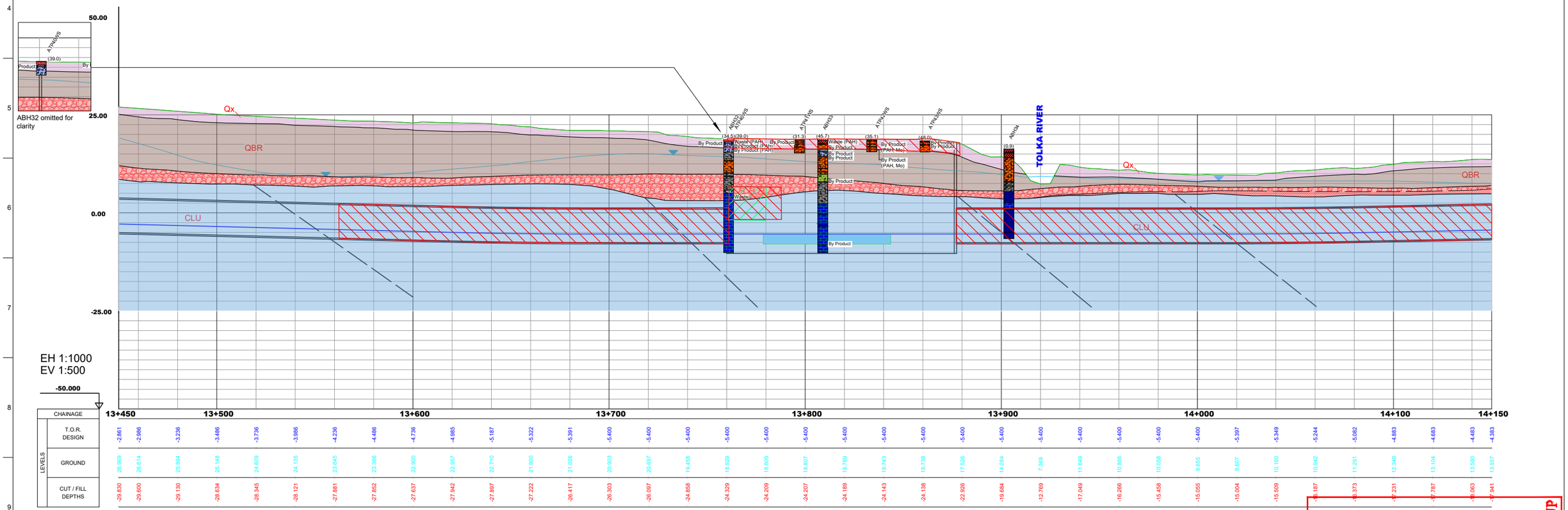
Do not scale





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- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results
- Hole offset is +ve to the RIGHT of the baseline (Offset) (Hand)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
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Legend for Jacobs Idom geological section:

Soil layers:

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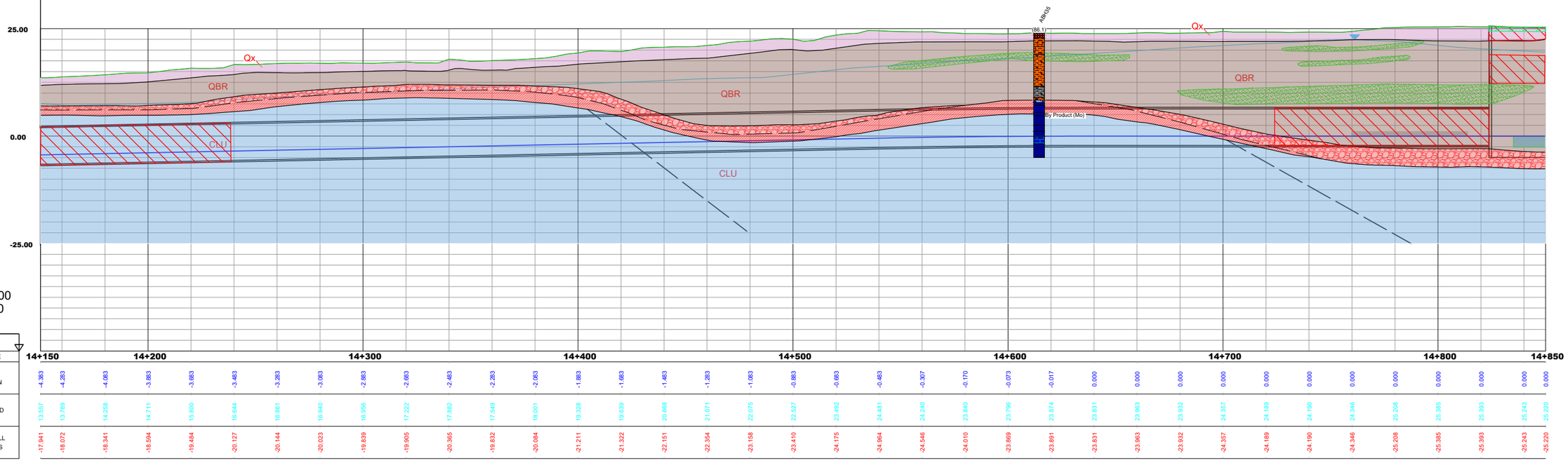
Do not scale



WORKING DRAFT ARUP

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- Hole offset is +ve to the RIGHT of the baseline (CMLO / CMUP)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
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- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL

- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
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- Clayey SAND
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- CLAY
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Legend for Jacobs Idom geological section:

Soil layers:

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 21 of 29

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Project Title: Metrolink - Article 27

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Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
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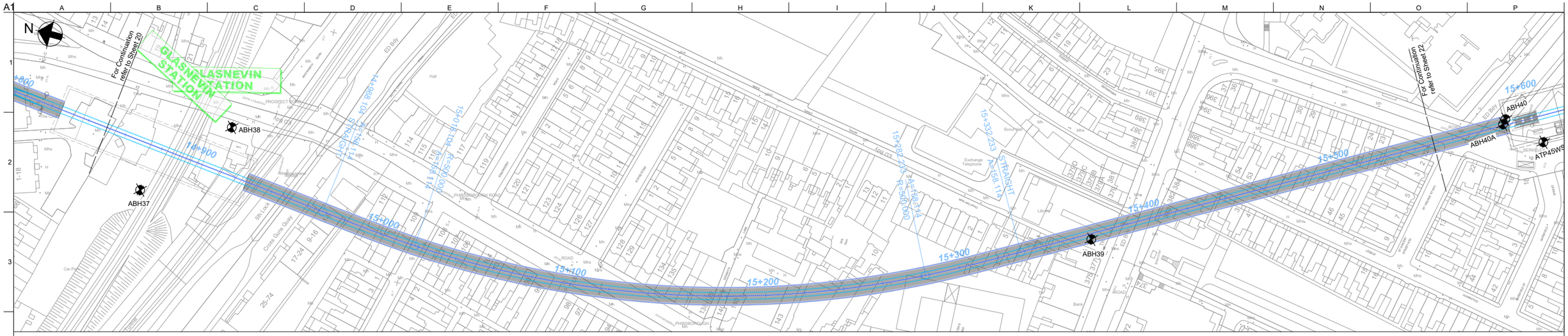
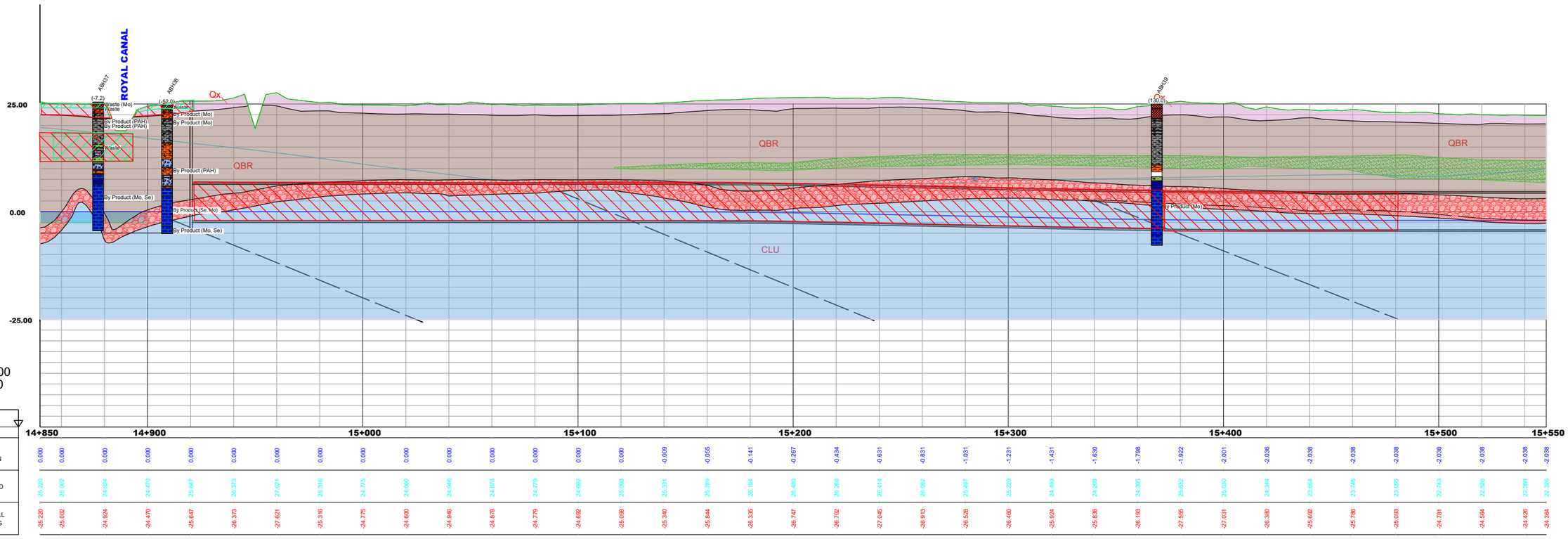
Do not scale





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- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results

Hole offset is +ve to the RIGHT of the baseline (Offset) / HoleID

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

- Made ground (QX)
- Alluvial sand and gravels (QAG)
- Fluvio-Glacial sands within Glacial deposits
- Brown Boulder Clay (QBR)
- Black Boulder Clay (QBL)
- Sands & gravels at the bottom of the Glacial deposits
- Upper weathered rock level
- Phreatic level
- Interpreted Bedding
- Interpreted Faults

Rock layers:

- Argillaceous Bioclastic Limestone (CMUP) Upper member of Malahide Formation
- Biomicritic Limestone with thin shale interbedded (CMLO) Lower member of Malahide Formation
- Micritic Limestone (CWA) Waulsortian Formation
- Calcareous Shale (CTO) Tober Colleen Formation
- Argillaceous Limestone (CLU) Lucan Formation

Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 22 of 29

Notes:
1. The geological interpretation presented on the figure has been taken from the drawings (ML1-JAI-GEO-ROUT_XX-DR-Y-00021 dated 3/4/20) prepared by Jacobs IDOM. Arup have not provided any interpretation.
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Rev	Date	By	Chkd	Appd
D01	xx/11/20	EG	CN	SM
Preliminary				

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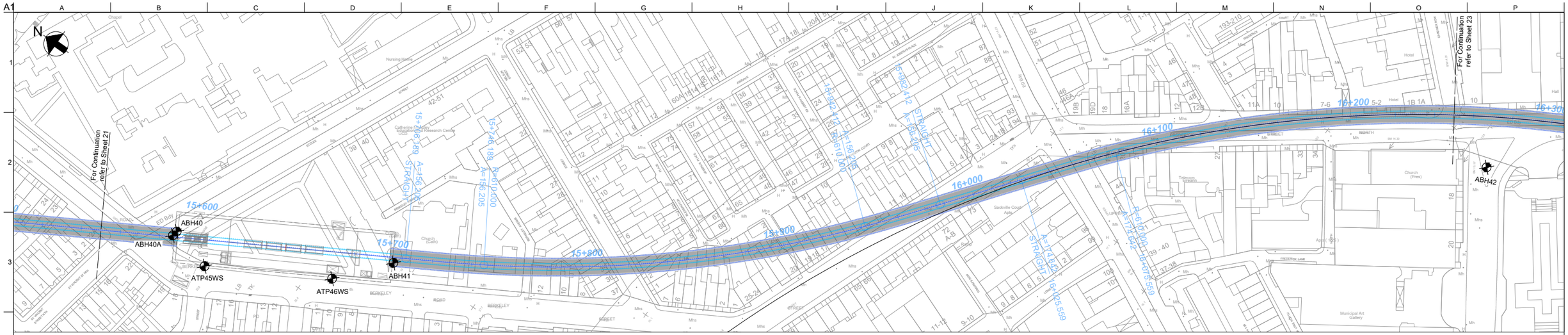
Client

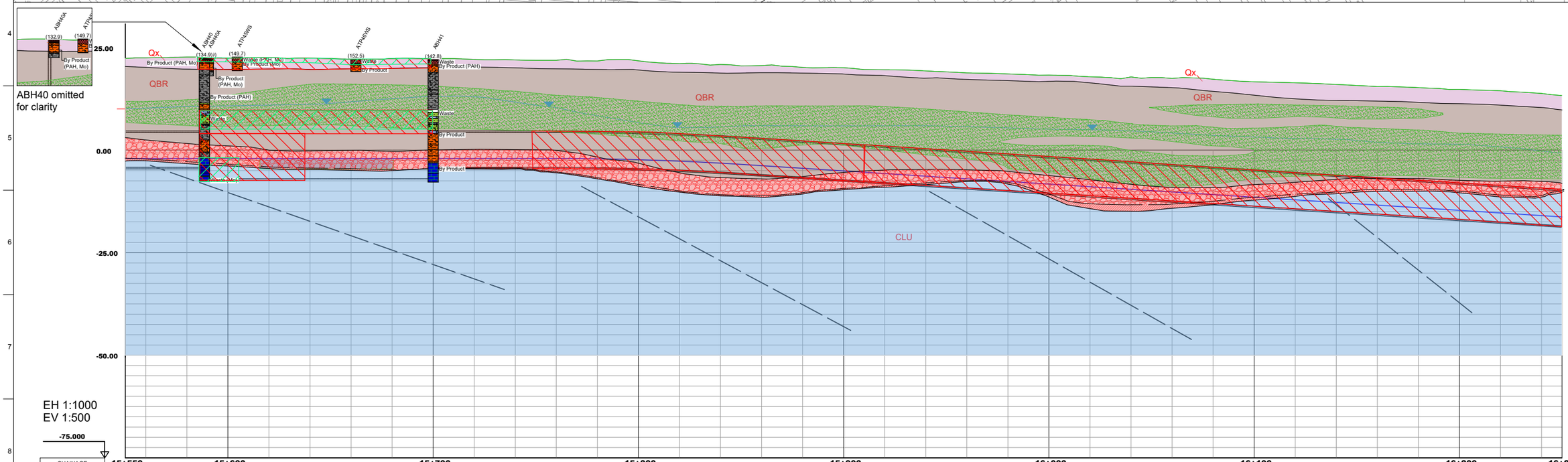
Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 21 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale





Legend for Phase 5 ground investigation locations:

- Cut and cover section
- TOR — Rail Level (TOR
- By-Product — Assessed to be suitable for use as By-Product Soil and Stone
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- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results
- Hole offset is +ve to the RIGHT of the baseline (Looking Ahead)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
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- Sand (Sa)
- Rock (RCk)
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- Silty sandy Gravel
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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 23 of 29

WORKING DRAFT

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Client

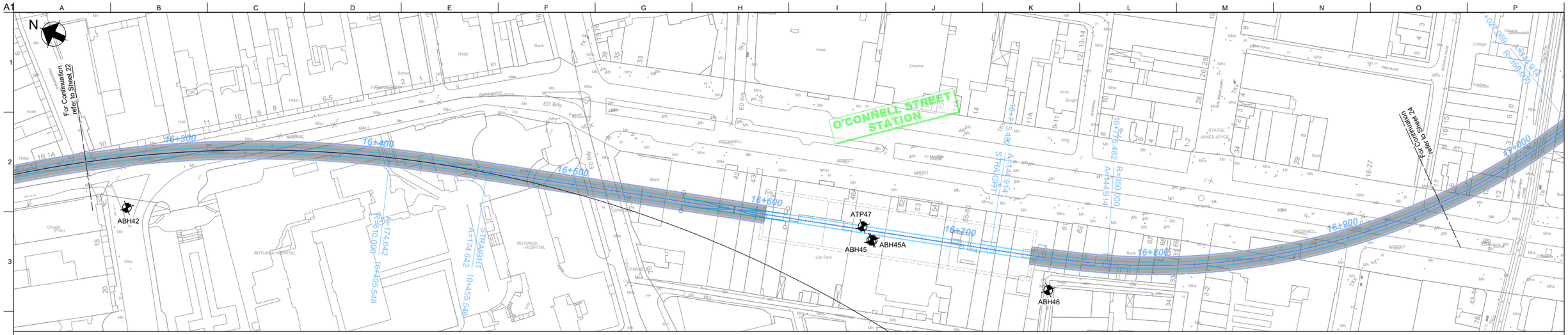
Project Title: Metrolink - Article 27

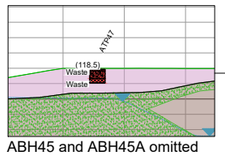
Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 22 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale

A1





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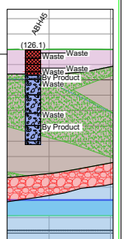

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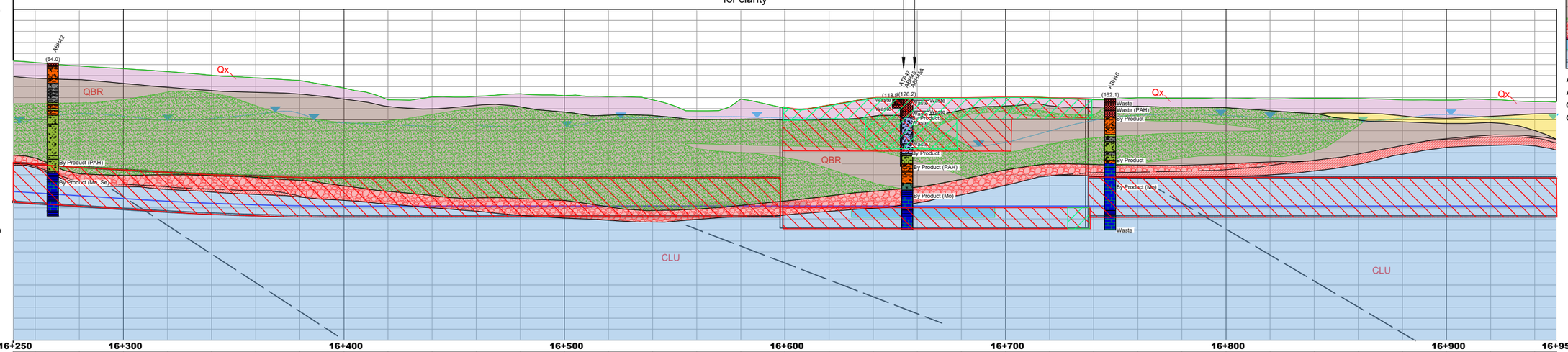

Legend for Phase 5 ground investigation locations:

- Cut and cover section
- TOR — Rail Level (TOR
- By-Product — Assessed to be suitable for use as By-Product Soil and Stone
- Waste — Not suitable for use as a By-Product
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- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results

Hole offset is +ve to the RIGHT of the baseline (ABH/D (Offset))

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

- Made ground (QX)
- Alluvial sand and gravels (QAG)
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- Interpreted Faults

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 24 of 29

Notes:
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D01	xx/11/20	EG	CN	SM
Preliminary				

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Client

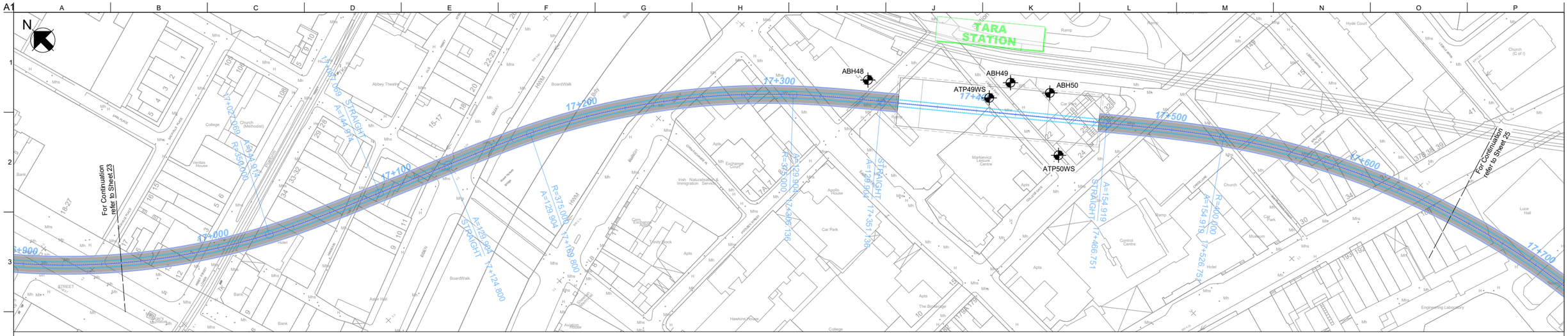
Project Title: Metrolink - Article 27

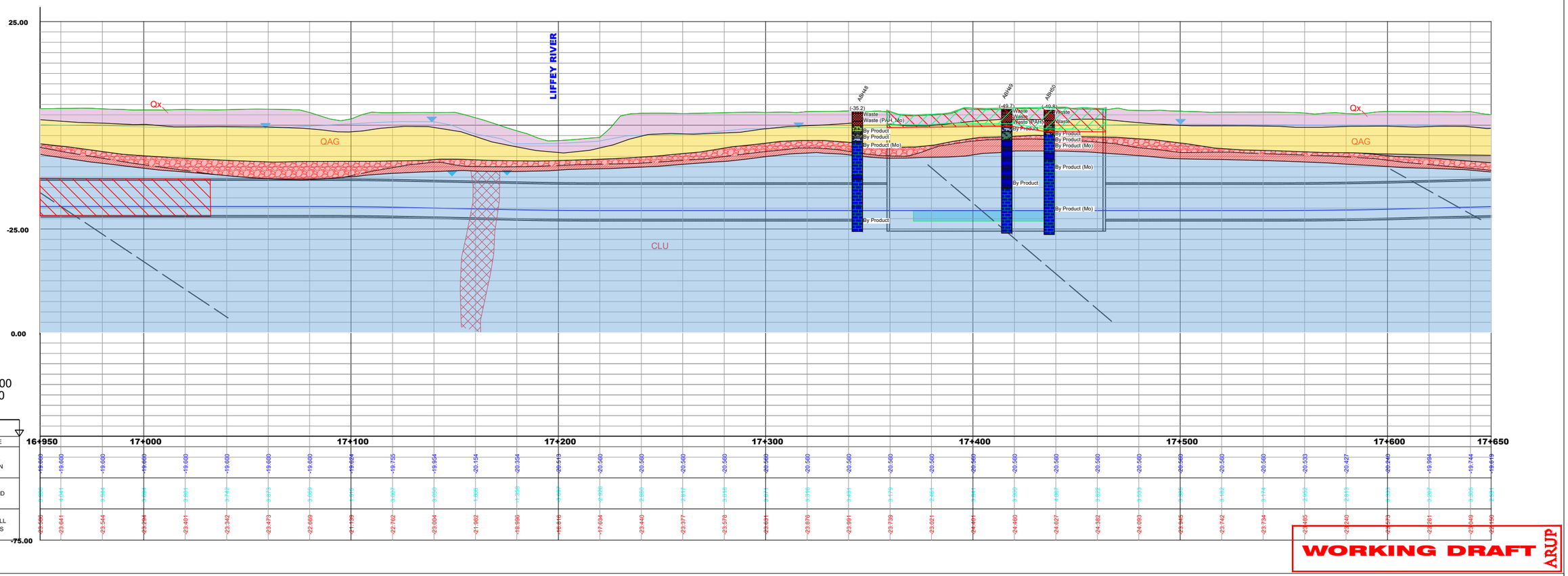
Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 23 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale

A1





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- Hole offset is +ve to the RIGHT of the baseline (Offset)

- Topsoil (TOP)
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Soil layers:

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 25 of 29

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Preliminary				

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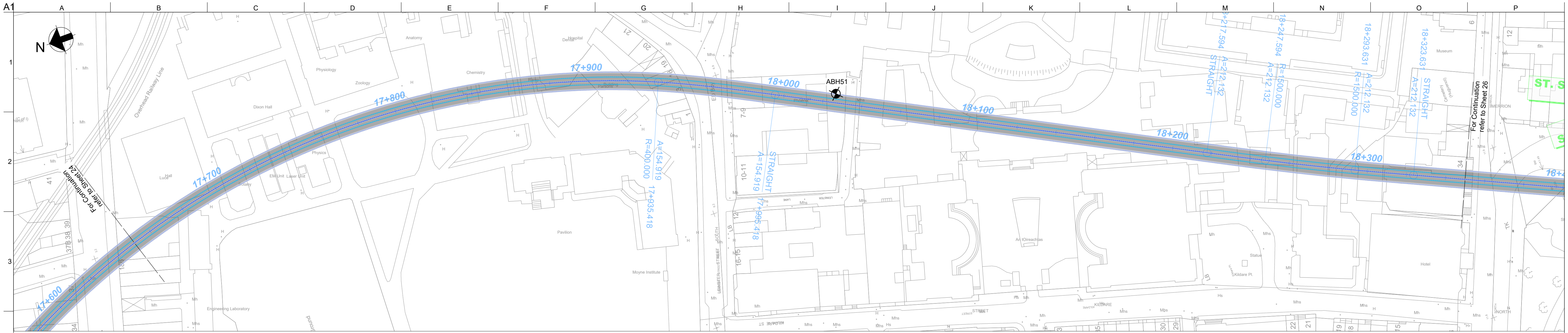
Client

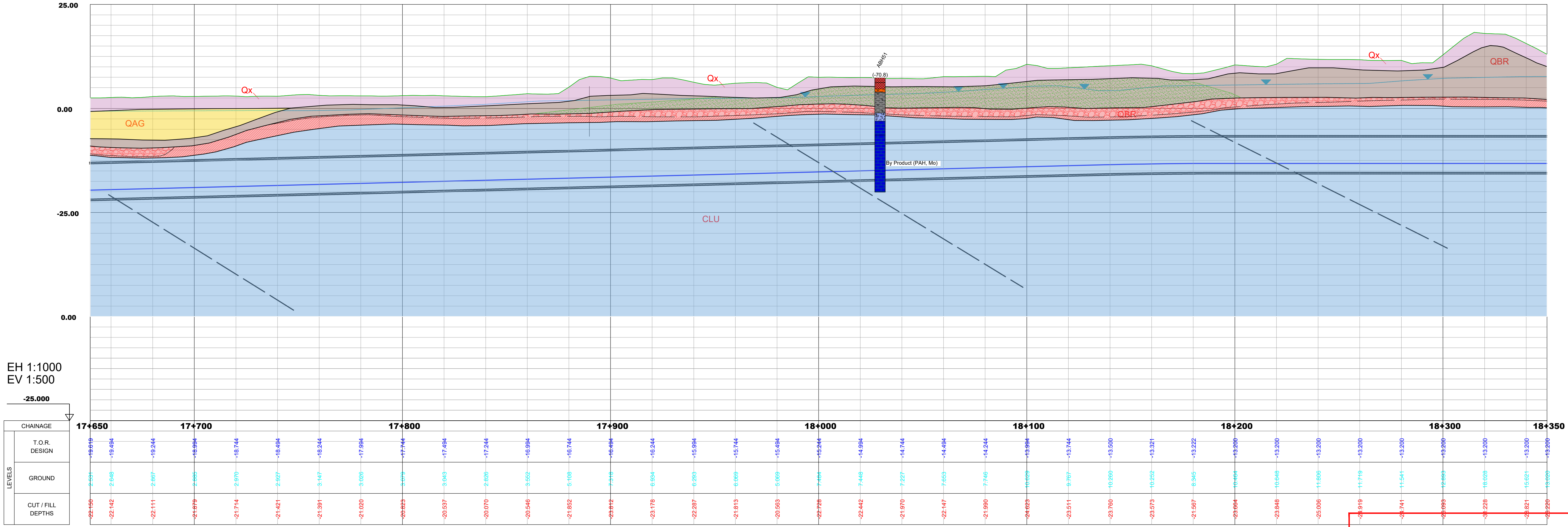
Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 24 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale





EH 1:1000
EV 1:500

Legend for Phase 5 ground investigation locations:

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- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results
- Hole offset is +ve to the RIGHT of the baseline — HoleID (Offset)

Topsoil (TOP); Silt (DST); Made Ground (MG); Gravel (GR); Sandy gravelly CLAY; Sand (Sa); Rock (RCk); Upper Brown Boulder Clay (UBrBC); Upper Black Boulder Clay (UBkBC)

Made Ground - Fill; Fill (Made Ground); Silty sandy gravelly CLAY; Sandy gravelly CLAY; Clayey sandy GRAVEL; Silty sandy cobbly Gravel; Silty sandy Gravel; TOPSOIL

Sandy gravelly cobbly CLAY; LIMESTONE; Silty sandy gravelly cobbly CLAY; NO RECOVERY; Sandy cobbly GRAVEL; Sandy GRAVEL; Cobbly GRAVEL; Gravelly SAND

Silty SAND; Clayey gravelly SAND; MUDSTONE; Silty gravelly cobbly SAND; Clayey SAND; Sandy CLAY; CLAY; Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

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Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 26 of 29

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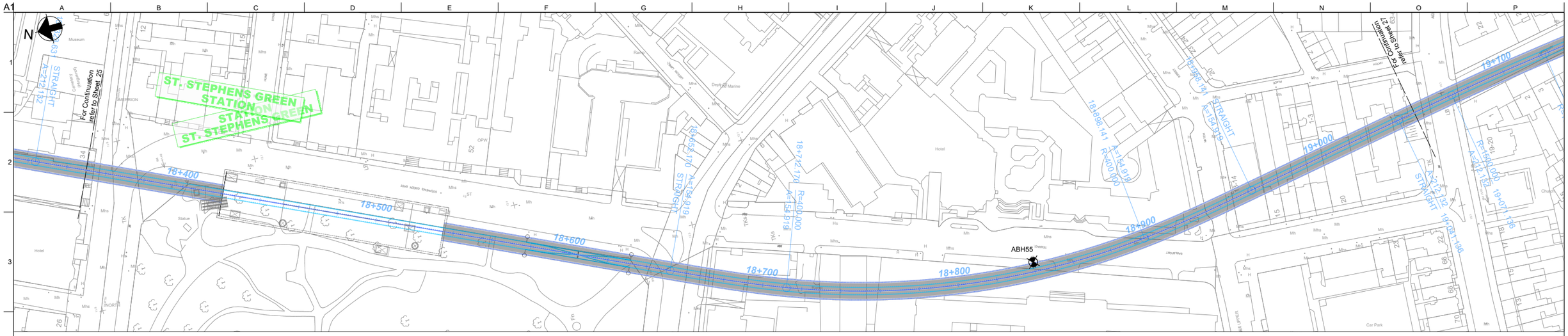
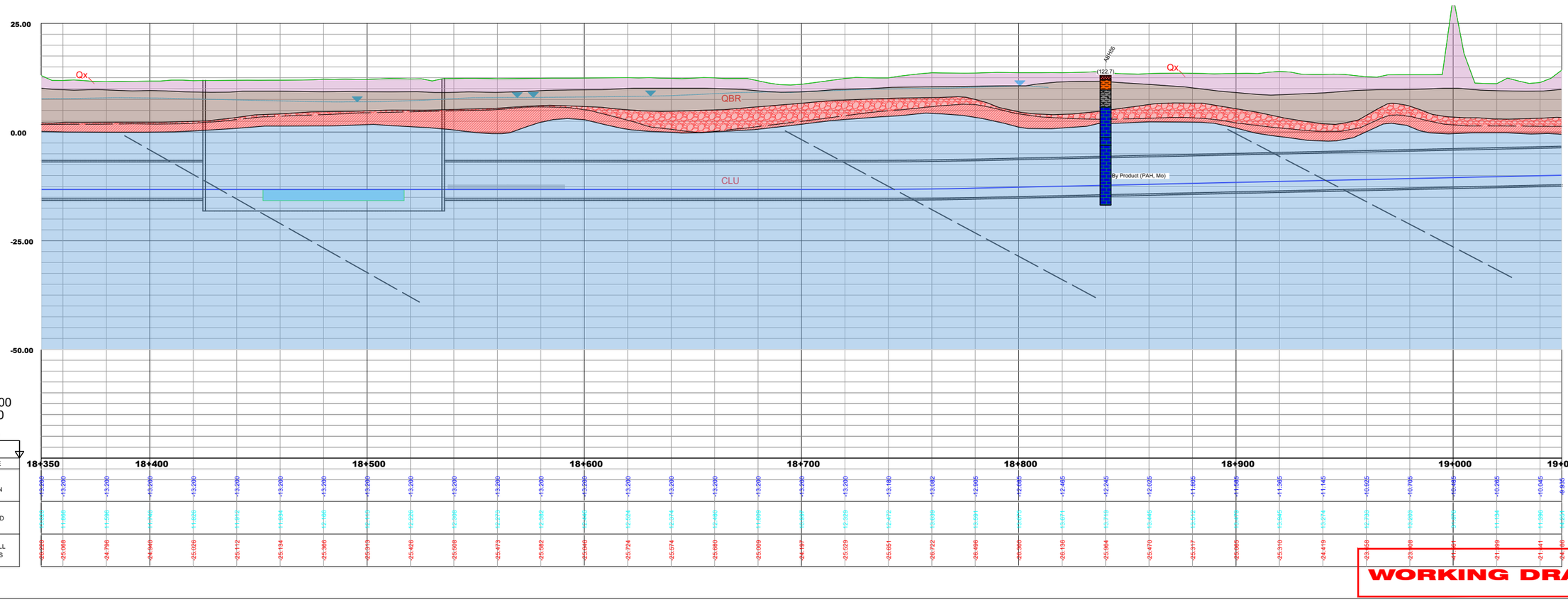
Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 25 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev
Name: -ARP-

A1





WORKING DRAFT

ARUP

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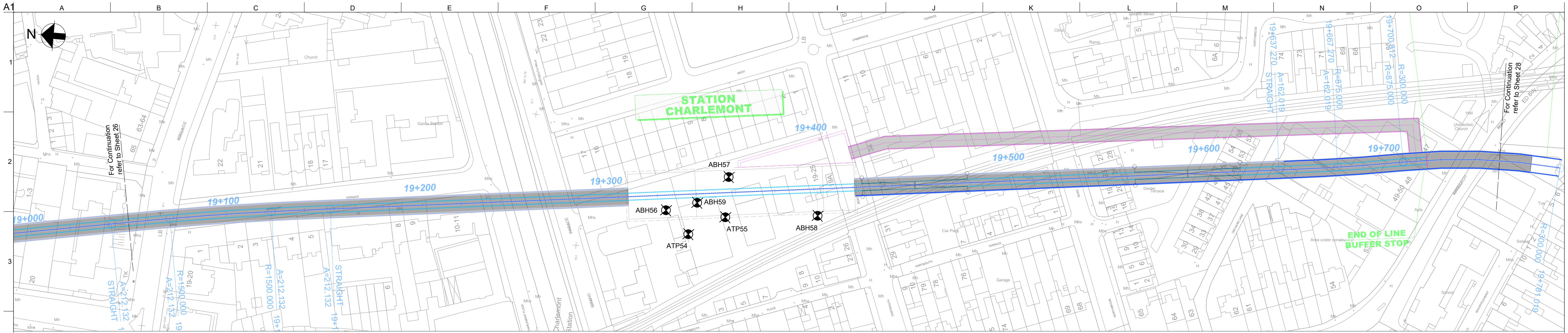
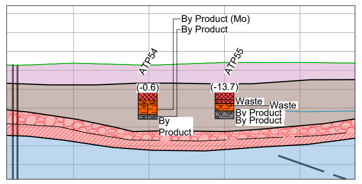
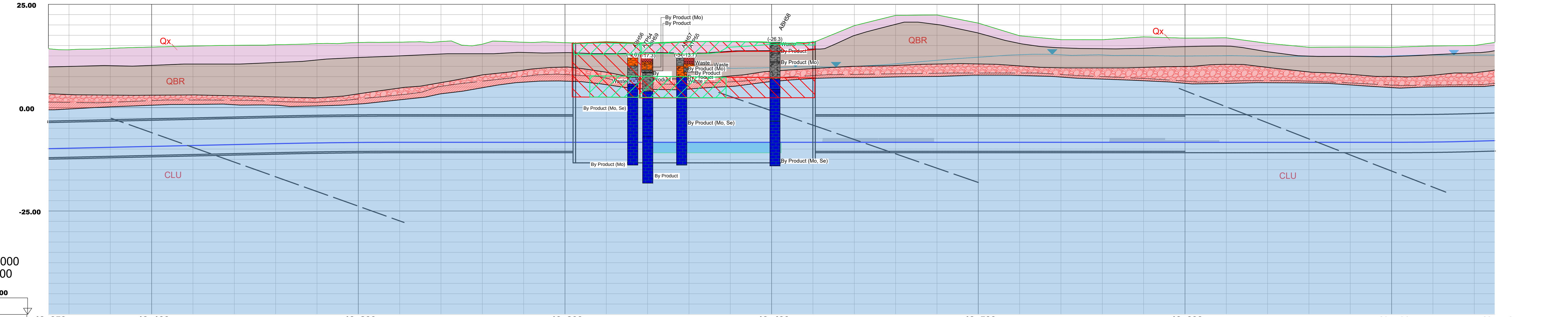
Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale







EH 1:1000
EV 1:500

-50.000

CHAINAGE	LEVELS: T.O.R. DESIGN	LEVELS: GROUND	CUT / FILL DEPTHS
19+050	-9.935	14.251	-24.186
	-9.825	13.991	-23.816
	-9.605	14.330	-23.935
19+100	-9.385	14.637	-24.022
	-9.165	14.897	-24.062
	-8.945	15.070	-24.015
	-8.725	15.210	-23.935
	-8.532	15.487	-24.019
19+200	-8.418	15.751	-24.169
	-8.384	15.823	-24.207
	-8.384	15.980	-24.364
	-8.384	15.347	-23.732
	-8.384	15.799	-24.183
19+300	-8.384	15.712	-24.096
	-8.384	15.943	-24.328
	-8.384	15.660	-24.044
	-8.384	16.025	-24.409
	-8.384	16.042	-24.426
19+400	-8.384	15.902	-24.286
	-8.384	15.733	-24.117
	-8.384	19.833	-28.217
	-8.384	22.306	-30.690
	-8.384	22.414	-30.798
19+500	-8.384	20.446	-28.830
	-8.384	17.372	-25.756
	-8.384	16.444	-24.828
	-8.384	16.425	-24.809
	-8.384	17.125	-25.509
19+600	-8.384	16.797	-25.181
	-8.384	16.883	-25.267
	-8.384	15.546	-23.930
	-8.384	14.613	-22.997
	-8.384	14.655	-23.039
19+700	-8.384	14.613	-22.997
	-8.319	14.931	-23.250
	-8.121	15.021	-23.142
19+750	-8.121	15.021	-23.142

WORKING DRAFT ARUP

Legend for Phase 5 ground investigation locations:

- Cut and cover section
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- By-Product — Assessed to be suitable for use as By-Product Soil and Stone
- Waste — Not suitable for use as a By-Product
- (PAH Se Mo) — The geo-chemical results indicate a low but acceptable level of polycyclic aromatic hydrocarbons (PAH), selenium (Se) or molybdenum (Mo)
- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results

Hole offset is +ve to the RIGHT of the baseline — HoleID (Offset)

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
- Clayey sandy GRAVEL
- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

- Made ground (QX)
- Alluvial sand and gravels (QAG)
- Fluvio-Glacial sands within Glacial deposits
- Brown Boulder Clay (QBR)
- Black Boulder Clay (QBL)
- Sands & gravels at the bottom of the Glacial deposits
- Upper weathered rock level
- Phreatic level
- Interpreted Bedding
- Interpreted Faults

Rock layers:

- Argillaceous Bioclastic Limestone (CMUP) Upper member of Malahide Formation
- Biomicritic Limestone with thin shale interbedded (CMLO) Lower member of Malahide Formation
- Micritic Limestone (CWA) Waulsortian Formation
- Calcareous Shale (CTO) Tober Colleen Formation
- Argillaceous Limestone (CLU) Lucan Formation

Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 28 of 29

Notes:
1. The geological interpretation presented on the figure has been taken from the drawings (ML1-JAI-GEO-ROUT_XX-DR-Y-00021 dated 3/4/20) prepared by Jacobs IDOM. Arup have not provided any interpretation.
2. The geological and geo-chemical information presented on the borehole logs is derived from the records of Phase 5 Ground Investigation undertaken by Causeway between December 2020 and May 2021.

Rev	Date	By	Chkd	Appd
D01	xx/11/20	EG	CN	SM
Preliminary				

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50 Ringsend Road
Dublin, Ireland
Tel +353 (0)1 233 4455
www.arup.com

Client

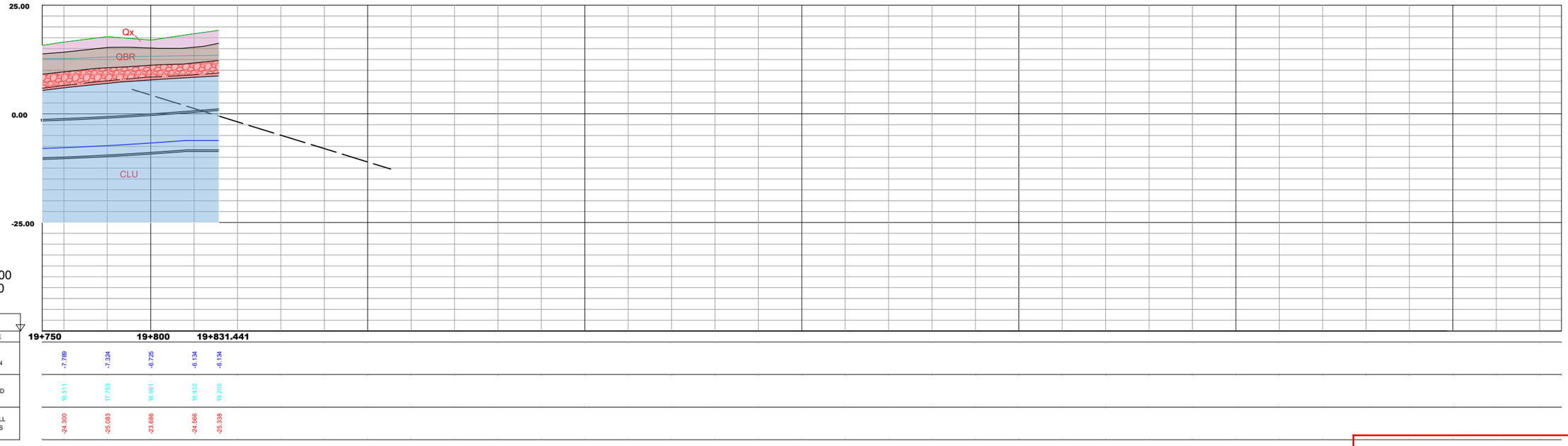
Project Title
Metrolink - Article 27

Drawing Title
Plan and Section showing the areas of suitable By Product soil and stone Sheet 27 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale

A1



WORKING DRAFT ARUP

Legend for Phase 5 ground investigation locations:

- Cut and cover section
- TOR — Rail Level (TOR
- By-Product — Assessed to be suitable for use as By-Product Soil and Stone
- Waste — Not suitable for use as a By-Product
- (PAH Se Mo) — The geo-chemical results indicate a low but acceptable level of polycyclic aromatic hydrocarbons (PAH), selenium (Se) or molybdenum (Mo)
- Estimated maximum extent of anticipated waste soil based on the Phase 5 GI results
- Estimated minimum extent of anticipated waste soil based on the Phase 5 GI results

Hole offset is +ve to the RIGHT of the baseline (Offset) HMMD

- Topsoil (TOP)
- Silt (DST)
- Made Ground (MG)
- Gravel (GR)
- Sand (Sa)
- Rock (RCk)
- Upper Brown Boulder Clay (UBrBC)
- Upper Black Boulder Clay (UBkBC)
- Made Ground - Fill
- Fill (Made Ground)
- Silty sandy gravelly CLAY
- Sandy gravelly CLAY
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- Silty sandy cobbly Gravel
- Silty sandy Gravel
- TOPSOIL
- Sandy gravelly cobbly CLAY
- LIMESTONE
- Silty sandy gravelly cobbly CLAY
- NO RECOVERY
- Sandy cobbly GRAVEL
- Sandy GRAVEL
- Cobbly GRAVEL
- Gravelly SAND
- Silty SAND
- Clayey gravelly SAND
- MUDSTONE
- Silty gravelly cobbly SAND
- Clayey SAND
- Sandy CLAY
- CLAY
- Silty sandy CLAY

Legend for Jacobs Idom geological section:

Soil layers:

- Made ground (QX)
- Alluvial sand and gravels (QAG)
- Fluvio-Glacial sands within Glacial deposits
- Brown Boulder Clay (QBR)
- Black Boulder Clay (QBL)
- Sands & gravels at the bottom of the Glacial deposits
- Upper weathered rock level
- Phreatic level
- Interpreted Bedding
- Interpreted Faults

Rock layers:

- Argillaceous Bioclastic Limestone (CMUP) Upper member of Malahide Formation
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- Micritic Limestone (CWA) Waulsortian Formation
- Calcareous Shale (CTO) Tober Colleen Formation
- Argillaceous Limestone (CLU) Lucan Formation

Jacobs IDOM Reference: ML1-JAI-GEO-ROUT_XX-DR-Y00021 Sheet 29 of 29

Notes:
1. The geological interpretation presented on the figure has been taken from the drawings (ML1-JAI-GEO-ROUT_XX-DR-Y-00021 dated 3/4/20) prepared by Jacobs IDOM. Arup have not provided any interpretation.
2. The geological and geo-chemical information presented on the borehole logs is derived from the records of Phase 5 Ground Investigation undertaken by Causeway between December 2020 and May 2021.

Rev	Date	By	Chkd	Appd
D01	xx/11/20	EG	CN	SM

Preliminary

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50 Ringsend Road
Dublin, Ireland
Tel +353 (0)1 233 4455
www.arup.com

Client

Project Title: Metrolink - Article 27

Drawing Title: Plan and Section showing the areas of suitable By Product soil and stone Sheet 28 of 28

Scale at A1: 1:1000
Role: Civil
Suitability: Information
Arup Job No: 274678-00
Rev:
Name: -ARP-

Do not scale

Appendix M. WM3 Assessment

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

6T2EK-G1HX1-NPBK7

Job name

Metrolink - Estuary

Description/Comments

Project

Metrolink

Site

Estuary

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 08:55 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ATP01B	0.5	Non Hazardous		2
2	ATP01B[2]	1.5	Non Hazardous		4
3	ATP02B	0.5	Non Hazardous		6
4	ATP02B[2]	1.5	Non Hazardous		8
5	BH101	0.6	Non Hazardous		10
6	NBH201	0.5	Non Hazardous		11
7	NBH71	1	Non Hazardous		13
8	NBH72	0.5	Non Hazardous		15
9	NTP02	0.8	Non Hazardous		17
10	NTP03	0.5	Non Hazardous		19
11	TP119	1	Non Hazardous		21
12	TP120	1	Non Hazardous		23
13	TP122	0.5	Non Hazardous		24
14	TP124	0.5	Non Hazardous		25

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 08:55 GMT

Classification of sample: ATP01B

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP01B
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	6.001 mg/kg	0.0006 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		60 mg/kg	2.774	166.449 mg/kg	0.0166 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0429 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP01B[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP01B[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.601 mg/kg	0.00066 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66 mg/kg	2.774	183.094 mg/kg	0.0183 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
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			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0448 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP02B

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP02B
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	40.924 mg/kg	0.00409 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.6 mg/kg	1.5	3.9 mg/kg	0.00039 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.78 mg/kg	2.554	1.992 mg/kg	0.000199 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		82 mg/kg	2.774	227.48 mg/kg	0.0227 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.2 pH		8.2 pH	8.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0516 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP02B[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP02B[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.83 mg/kg	2.554	2.12 mg/kg	0.000212 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		76 mg/kg	2.774	210.835 mg/kg	0.0211 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0478 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH101

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH101
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8	mg/kg	1.32	10.563	mg/kg	0.00106 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17	mg/kg	1.126	19.14	mg/kg	0.00191 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	32	mg/kg	1.56	49.914	mg/kg	0.0032 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30	mg/kg	2.976	89.288	mg/kg	0.00893 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		119	mg/kg	2.774	330.123	mg/kg	0.033 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0484 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH201

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
NBH201	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.46 mg/kg	2.554	1.175 mg/kg	0.000117 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		7.8 pH		7.8 pH	7.8 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			205-912-4	206-44-0									
24		pyrene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0366 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH71

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH71
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		34 mg/kg	1.32	44.891 mg/kg	0.00449 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.8 mg/kg	1.142	3.199 mg/kg	0.00032 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	37 mg/kg	1.56	57.713 mg/kg	0.0037 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1 mg/kg	1.5	6.151 mg/kg	0.000615 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.3 mg/kg	2.554	0.766 mg/kg	0.0000766 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100 mg/kg	2.774	277.415 mg/kg	0.0277 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.9 pH		8.9 pH	8.9 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0526 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH72

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH72
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		34 mg/kg	1.126	38.28 mg/kg	0.00383 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	33 mg/kg	1.56	51.474 mg/kg	0.0033 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.52 mg/kg	1.353	0.704 mg/kg	0.0000704 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.86 mg/kg	2.554	2.196 mg/kg	0.00022 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		97 mg/kg	2.774	269.092 mg/kg	0.0269 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		10.6 pH		10.6 pH	10.6 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0552 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NTP02

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NTP02
Sample Depth:
0.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.01 mg/kg	1.197	<0.012 mg/kg	<0.0000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.8 mg/kg	1.32	7.658 mg/kg	0.000766 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.45 mg/kg	1.142	0.514 mg/kg	0.0000514 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		9 mg/kg	1.126	10.133 mg/kg	0.00101 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<	1.353	<	<		ND
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17 mg/kg	2.976	50.597 mg/kg	0.00506 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.22 mg/kg	2.554	0.562 mg/kg	0.0000562 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		45 mg/kg	2.774	124.837 mg/kg	0.0125 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0222 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NTP03

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NTP03
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28 mg/kg	1.56	43.675 mg/kg	0.0028 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<	1.353	<	<		**ND**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.5 mg/kg	1.5	5.251 mg/kg	0.000525 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.76 mg/kg	2.554	1.941 mg/kg	0.000194 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	213.609 mg/kg	0.0214 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		**<LOD**
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		**<LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		**<LOD**
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0441 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP119

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP119	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		67 mg/kg	1.126	75.435 mg/kg	0.00754 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	83 mg/kg	1.56	129.465 mg/kg	0.0083 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		179 mg/kg	2.774	496.572 mg/kg	0.0497 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
15	pH			PH		8.22 pH		8.22 pH	8.22 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
31		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
32		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
33		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
34		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
35		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0796 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP120

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP120

Sample Depth:
1 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13	mg/kg	1.32	17.164	mg/kg	0.00172 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25	mg/kg	1.126	28.147	mg/kg	0.00281 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27	mg/kg	1.56	42.115	mg/kg	0.0027 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		**<LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26	mg/kg	2.976	77.383	mg/kg	0.00774 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		**<LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		99	mg/kg	2.774	274.641	mg/kg	0.0275 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
											Total:	0.0428 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP122

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP122
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10	mg/kg	1.32	13.203	mg/kg	0.00132 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27	mg/kg	1.126	30.399	mg/kg	0.00304 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	38	mg/kg	1.56	59.273	mg/kg	0.0038 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		32	mg/kg	2.976	95.24	mg/kg	0.00952 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		147	mg/kg	2.774	407.8	mg/kg	0.0408 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
											Total:	0.0589 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP124

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP124	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<**LOD**
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<**LOD**
15	pH			PH		8.18 pH		8.18 pH	8.18 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
31		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
32		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
33		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
34		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
35		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0397 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

NCXRW-Q4VKI-Y38GI

Job name

Metrolink

Description/Comments

Project

Metrolink

Site

Estuary - Seatown

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 08:50 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ATP03A	0.5	Non Hazardous		3
2	ATP03A[2]	1.5	Non Hazardous		6
3	ATP04	0.5	Non Hazardous		9
4	ATP04[2]	1.5	Non Hazardous		12
5	ATP05	0.5	Non Hazardous		15
6	ATP05[2]	2.5	Non Hazardous		18
7	ATP06B	0.5	Non Hazardous		21
8	ATP06B[2]	1.5	Non Hazardous		24
9	ATP06B[3]	3.5	Non Hazardous		27
10	ATP07	0.5	Non Hazardous		30
11	ATP07[2]	1	Non Hazardous		32
12	ATP07[3]	1.2	Non Hazardous		34
13	ATP07[4]	2	Non Hazardous		36
14	ATP07[5]	4.1	Non Hazardous		38
15	ATP07[6]	11	Non Hazardous		40
16	BH103	0.6	Non Hazardous		42
17	NBH401	0.5	Non Hazardous		43
18	NBH402	0.5	Non Hazardous		45
19	NBH402[2]	1	Non Hazardous		47
20	NBH403	0.5	Non Hazardous		49
21	NBH403[2]	1	Non Hazardous		51
22	NBH403[3]	7.3	Non Hazardous		53
23	NBH404	0.5	Non Hazardous		55
24	NBH404[2]	1	Non Hazardous		57
25	NBH404[3]	5.1	Non Hazardous		59
26	NBH405	0.5	Non Hazardous		61
27	NBH405[2]	1	Non Hazardous		63
28	NBH406	0.5	Non Hazardous		65
29	NBH406[2]	1	Non Hazardous		67
30	NBH407	0.5	Non Hazardous		69
31	NBH407[2]	1	Non Hazardous		71
32	NBH408	0.5	Hazardous	HP 8	73
33	NBH408[2]	1	Non Hazardous		75
34	RC104	0.5	Non Hazardous		77

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
35	RC108	0.4	Non Hazardous		78
36	RC111	0.9	Non Hazardous		79
37	TP126	1	Non Hazardous		80
38	TP128	0.4	Non Hazardous		82
39	TP129	0.4	Non Hazardous		84
40	TP131	1	Non Hazardous		85
41	TP133	1.1	Non Hazardous		87
42	TP133A	0.4	Non Hazardous		88
43	TP133A[2]	2	Non Hazardous		89
44	TP134	1	Non Hazardous		90
45	TP135	0.5	Non Hazardous		91
46	TP136	0.4	Non Hazardous		92

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 08:50 GMT

Classification of sample: ATP03A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP03A	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		32 mg/kg	2.976	95.24 mg/kg	0.00952 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.62 mg/kg	2.554	1.583 mg/kg	0.000158 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78 mg/kg	2.774	216.383 mg/kg	0.0216 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.2 pH		8.2 pH	8.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-371-1	120-12-7									
24		fluoranthene				0.094	mg/kg		0.094	mg/kg	0.0000094 %		
			205-912-4	206-44-0									
25		pyrene				0.082	mg/kg		0.082	mg/kg	0.0000082 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.058	mg/kg		0.058	mg/kg	0.0000058 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.058	mg/kg		0.058	mg/kg	0.0000058 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0418 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP03A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP03A[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.3 mg/kg	1.5	6.451 mg/kg	0.000645 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.59 mg/kg	2.554	1.507 mg/kg	0.000151 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		68 mg/kg	2.774	188.642 mg/kg	0.0189 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0424 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP04

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP04	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.38 mg/kg	1.142	0.434 mg/kg	0.0000434 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		4.7 mg/kg	1.462	6.869 mg/kg	0.000687 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		7.3 mg/kg	1.126	8.219 mg/kg	0.000822 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11 mg/kg	1.56	17.158 mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		11 mg/kg	2.976	32.739 mg/kg	0.00327 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		44 mg/kg	2.774	122.062 mg/kg	0.0122 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.047	mg/kg		0.047	mg/kg	0.0000047 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0211 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP04[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP04[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.5 mg/kg	1.5	5.251 mg/kg	0.000525 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.6 mg/kg	2.554	1.532 mg/kg	0.000153 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.2 pH		8.2 pH	8.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.028	mg/kg		0.028	mg/kg	0.0000028 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0425 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP05

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP05	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	33 mg/kg	1.56	51.474 mg/kg	0.0033 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7 mg/kg	1.5	4.051 mg/kg	0.000405 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.52 mg/kg	2.554	1.328 mg/kg	0.000133 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0567 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP05[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP05[2]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.46 mg/kg	2.554	1.175 mg/kg	0.000117 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		93 mg/kg	2.774	257.996 mg/kg	0.0258 %		
13	TPH (C6 to C40) petroleum group			TPH		188 mg/kg		188 mg/kg	0.0188 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.6 pH		8.6 pH	8.6 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
41		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
42		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
43		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
44		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
45		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0688 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0188%)

Classification of sample: ATP06B

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP06B	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.601 mg/kg	0.00066 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.57 mg/kg	2.554	1.456 mg/kg	0.000146 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		63 mg/kg	2.774	174.771 mg/kg	0.0175 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			205-912-4	206-44-0									
25		pyrene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				35822-46-9									
45		OCDD				4.38	ng/kg		4.38e-06	mg/kg	4.38e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.11 ng/kg		<1.1e-07 mg/kg	<1.1e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.1 ng/kg		<1.0e-07 mg/kg	<1.0e-11 %		<**LOD**
54		OCDF		39001-02-0		0.929 ng/kg		9.29e-07 mg/kg	9.29e-11 %		
								Total:	0.0417 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP06B[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP06B[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.43 mg/kg	1.142	0.491 mg/kg	0.0000491 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		37 mg/kg	1.462	54.078 mg/kg	0.00541 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2 mg/kg	1.5	3 mg/kg	0.0003 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.31	ng/kg		<3.1e-07	mg/kg	<3.1e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.27	ng/kg		<2.7e-07	mg/kg	<2.7e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.32	ng/kg		<3.2e-07	mg/kg	<3.2e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				13.6	ng/kg		1.36e-05	mg/kg	0.000000001 %		
				35822-46-9									
45		OCDD				73	ng/kg		7.3e-05	mg/kg	0.000000007 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.75	ng/kg		1.75e-06	mg/kg	1.75e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<**LOD**
54		OCDF		39001-02-0		<0.43	ng/kg		<4.3e-07	mg/kg	<4.3e-11 %		<**LOD**
										Total:	0.0445 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP06B[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP06B[3]
Sample Depth:
3.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18 mg/kg	1.126	20.266 mg/kg	0.00203 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	13 mg/kg	1.56	20.278 mg/kg	0.0013 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.53 mg/kg	2.554	1.354 mg/kg	0.000135 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		47 mg/kg	2.774	130.385 mg/kg	0.013 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.31	ng/kg		<3.1e-07	mg/kg	<3.1e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				2.45	ng/kg		2.45e-06	mg/kg	2.45e-10 %		
				35822-46-9									
45		OCDD				12.9	ng/kg		1.29e-05	mg/kg	0.000000001 %		
				3268-87-9									
46		2,3,7,8-TeCDF				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.05	ng/kg		<5.0e-08	mg/kg	<5.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<**LOD**
54		OCDF		39001-02-0		<0.33	ng/kg		<3.3e-07	mg/kg	<3.3e-11 %		<**LOD**
										Total:	0.0372 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP07

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP07
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.34 mg/kg	1.142	0.388 mg/kg	0.0000388 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14 mg/kg	1.126	15.762 mg/kg	0.00158 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11 mg/kg	1.56	17.158 mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		23 mg/kg	2.774	63.805 mg/kg	0.00638 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0208 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP07[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP07[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.76 mg/kg	1.142	0.868 mg/kg	0.0000868 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	37 mg/kg	1.56	57.713 mg/kg	0.0037 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0451 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP07[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP07[3]
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.4 mg/kg	1.142	0.457 mg/kg	0.0000457 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	40.924 mg/kg	0.00409 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		45 mg/kg	2.774	124.837 mg/kg	0.0125 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				0.028	mg/kg		0.028	mg/kg	0.0000028 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.034	mg/kg		0.034	mg/kg	0.0000034 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0356 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP07[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP07[4]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.3 mg/kg	1.142	0.343 mg/kg	0.0000343 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38 mg/kg	1.462	55.539 mg/kg	0.00555 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59 mg/kg	2.774	163.675 mg/kg	0.0164 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0444 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP07[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP07[5]
Sample Depth:
4.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.42 mg/kg	1.142	0.48 mg/kg	0.000048 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.8 mg/kg	1.462	14.323 mg/kg	0.00143 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		28 mg/kg	2.774	77.676 mg/kg	0.00777 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0283 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP07[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP07[6]
Sample Depth:
11 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		32 mg/kg	1.32	42.25 mg/kg	0.00423 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.17 mg/kg	1.142	0.194 mg/kg	0.0000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		3.1 mg/kg	1.462	4.531 mg/kg	0.000453 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		110 mg/kg	1.126	123.848 mg/kg	0.0124 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.48 mg/kg	2.554	1.226 mg/kg	0.000123 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		12 mg/kg	2.774	33.29 mg/kg	0.00333 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0309 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH103

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH103
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12	mg/kg	1.32	15.844	mg/kg	0.00158 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29	mg/kg	1.126	32.651	mg/kg	0.00327 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25	mg/kg	1.56	38.995	mg/kg	0.0025 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39	mg/kg	2.976	116.074	mg/kg	0.0116 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		84	mg/kg	2.774	233.028	mg/kg	0.0233 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0425 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH401

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH401
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	58 mg/kg	1.56	90.469 mg/kg	0.0058 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.45 mg/kg	2.554	1.149 mg/kg	0.000115 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		90 mg/kg	2.774	249.673 mg/kg	0.025 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.6 pH		8.6 pH	8.6 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			205-912-4	206-44-0									
24		pyrene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0471 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH402

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH402	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	43 mg/kg	1.56	67.072 mg/kg	0.0043 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.41 mg/kg	2.554	1.047 mg/kg	0.000105 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		75 mg/kg	2.774	208.061 mg/kg	0.0208 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.041 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH402[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH402[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.6 mg/kg	1.5	3.9 mg/kg	0.00039 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.57 mg/kg	2.554	1.456 mg/kg	0.000146 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78 mg/kg	2.774	216.383 mg/kg	0.0216 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0433 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH403

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH403	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.36 mg/kg	2.554	0.919 mg/kg	0.0000919 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		85 mg/kg	2.774	235.802 mg/kg	0.0236 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0423 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH403[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH403[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		31 mg/kg	1.32	40.93 mg/kg	0.00409 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.3 mg/kg	1.5	6.451 mg/kg	0.000645 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.82 mg/kg	2.554	2.094 mg/kg	0.000209 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		74 mg/kg	2.774	205.287 mg/kg	0.0205 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5 mg/kg	1.884	0.942 mg/kg	0.0000942 %		
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0459 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH403[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH403[3]
Sample Depth:
7.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1	mg/kg	1.197	<0.12	mg/kg	<0.000012 %		<**LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22	mg/kg	1.32	29.047	mg/kg	0.0029 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.38	mg/kg	1.142	0.434	mg/kg	0.0000434 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18	mg/kg	1.126	20.266	mg/kg	0.00203 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27	mg/kg	1.56	42.115	mg/kg	0.0027 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5	mg/kg	1.5	<0.75	mg/kg	<0.000075 %		<**LOD**
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41	mg/kg	2.976	122.027	mg/kg	0.0122 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.62	mg/kg	2.554	1.583	mg/kg	0.000158 %		
10		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57	mg/kg	2.774	158.126	mg/kg	0.0158 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		0.024	mg/kg		0.024	mg/kg	0.0000024 %		
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		9	pH		9	pH	9pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0362 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 2.4e-06%)

Classification of sample: NBH404

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
NBH404	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		30 mg/kg	1.32	39.61 mg/kg	0.00396 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.29 mg/kg	2.554	0.741 mg/kg	0.0000741 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		88 mg/kg	2.774	244.125 mg/kg	0.0244 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0451 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH404[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH404[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		38 mg/kg	1.32	50.172 mg/kg	0.00502 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.3 mg/kg	1.5	9.451 mg/kg	0.000945 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.54 mg/kg	2.554	1.379 mg/kg	0.000138 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		86 mg/kg	2.774	238.577 mg/kg	0.0239 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0526 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH404[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH404[3]
Sample Depth:
5.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.74 mg/kg	1.142	0.845 mg/kg	0.0000845 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.2 mg/kg	1.353	0.271 mg/kg	0.0000271 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		35 mg/kg	2.774	97.095 mg/kg	0.00971 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		0.0061 mg/kg		0.0061 mg/kg	0.00000061 %		
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.9 pH		8.9 pH	8.9 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0264 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 6.1e-07%)

Classification of sample: NBH405

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH405
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	130 mg/kg	1.56	202.776 mg/kg	0.013 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.87 mg/kg	2.554	2.222 mg/kg	0.000222 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		120 mg/kg	2.774	332.898 mg/kg	0.0333 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				2.7 mg/kg	1.884	5.087 mg/kg	0.000509 %		
16	pH			PH		8 pH		8 pH	8pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.06 mg/kg		0.06 mg/kg	0.000006 %		
18	acenaphthylene		205-917-1	208-96-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
19	acenaphthene		201-469-6	83-32-9		0.15 mg/kg		0.15 mg/kg	0.000015 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0681 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH405[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH405[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	61 mg/kg	1.56	95.149 mg/kg	0.0061 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.69 mg/kg	2.554	1.762 mg/kg	0.000176 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		88 mg/kg	2.774	244.125 mg/kg	0.0244 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				3.6 mg/kg	1.884	6.782 mg/kg	0.000678 %		
16	pH			PH		8.1 pH		8.1 pH	8.1 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
			201-581-5	85-01-8									
22		anthracene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			204-371-1	120-12-7									
23		fluoranthene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			205-912-4	206-44-0									
24		pyrene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0524 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH406

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH406	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40 mg/kg	1.126	45.036 mg/kg	0.0045 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	35 mg/kg	1.56	54.594 mg/kg	0.0035 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.8 mg/kg	1.5	10.201 mg/kg	0.00102 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		72 mg/kg	2.976	214.291 mg/kg	0.0214 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		85 mg/kg	2.774	235.802 mg/kg	0.0236 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.3 pH		8.3 pH	8.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0579 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH406[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH406[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.9 mg/kg	1.5	8.851 mg/kg	0.000885 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43 mg/kg	2.976	127.979 mg/kg	0.0128 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.55 mg/kg	2.554	1.405 mg/kg	0.00014 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		48 mg/kg	2.774	133.159 mg/kg	0.0133 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.7 pH		8.7 pH	8.7 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0346 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH407

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
NBH407	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36 mg/kg	1.126	40.532 mg/kg	0.00405 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	44 mg/kg	1.56	68.632 mg/kg	0.0044 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.8 mg/kg	1.5	8.701 mg/kg	0.00087 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		59 mg/kg	2.976	175.6 mg/kg	0.0176 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		98 mg/kg	2.774	271.866 mg/kg	0.0272 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0576 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH407[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH407[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.5 mg/kg	1.5	8.251 mg/kg	0.000825 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.97 mg/kg	2.554	2.477 mg/kg	0.000248 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57 mg/kg	2.774	158.126 mg/kg	0.0158 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.6 pH		8.6 pH	8.6 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0385 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH408

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH408	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.6 pH)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		antimony { antimony trioxide } 051-005-00-X / 215-175-0 / 1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2		arsenic { arsenic trioxide } 033-003-00-0 / 215-481-4 / 1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3		cadmium { cadmium oxide } 048-002-00-0 / 215-146-2 / 1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4		copper { dicopper oxide; copper (I) oxide } 029-002-00-X / 215-270-7 / 1317-39-1		62 mg/kg	1.126	69.805 mg/kg	0.00698 %		
5		lead { lead chromate } 082-004-00-2 / 231-846-0 / 7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
6		mercury { mercury dichloride } 080-010-00-X / 231-299-8 / 7487-94-7		0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %		
7		molybdenum { molybdenum(VI) oxide } 042-001-00-9 / 215-204-7 / 1313-27-5		15 mg/kg	1.5	22.503 mg/kg	0.00225 %		
8		nickel { nickel chromate } 028-035-00-7 / 238-766-5 / 14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9		selenium { nickel selenate } 028-031-00-5 / 239-125-2 / 15060-62-5		0.54 mg/kg	2.554	1.379 mg/kg	0.000138 %		
10		zinc { zinc chromate } 024-007-00-3 / 236-878-9 / 13530-65-9		120 mg/kg	2.774	332.898 mg/kg	0.0333 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5		<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16		pH PH		11.6 pH		11.6 pH	11.6 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
18	•	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
19	•	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20	•	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21	•	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22	•	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23	•	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24	•	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30	•	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32	•	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39	•	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0609 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH408[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH408[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1 mg/kg	1.5	6.151 mg/kg	0.000615 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		9.7 pH		9.7 pH	9.7 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0369 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC104

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
RC104	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8	mg/kg	1.32	10.563	mg/kg	0.00106 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26	mg/kg	1.126	29.273	mg/kg	0.00293 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	41	mg/kg	1.56	63.952	mg/kg	0.0041 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		**<LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35	mg/kg	2.976	104.169	mg/kg	0.0104 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		**<LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		114	mg/kg	2.774	316.253	mg/kg	0.0316 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
											Total:	0.0504 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC108

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
RC108	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8	mg/kg	1.32	10.563	mg/kg	0.00106 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28	mg/kg	1.126	31.525	mg/kg	0.00315 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	41	mg/kg	1.56	63.952	mg/kg	0.0041 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33	mg/kg	2.976	98.217	mg/kg	0.00982 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		104	mg/kg	2.774	288.511	mg/kg	0.0289 %		
											Total:	0.0473 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC111

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
RC111	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.9 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		76 mg/kg	2.774	210.835 mg/kg	0.0211 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
									Total:	0.0383 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP126

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP126
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		82 mg/kg	2.774	227.48 mg/kg	0.0227 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
15	pH			PH		8.18 pH		8.18 pH	8.18 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
31		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
32		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
33		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
34		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
35		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0388 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP128

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP128
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	35 mg/kg	1.56	54.594 mg/kg	0.0035 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		114 mg/kg	2.774	316.253 mg/kg	0.0316 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
15	pH			PH		7.95 pH		7.95 pH	7.95 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		0.012 mg/kg		0.012 mg/kg	0.0000012 %		
17	acenaphthylene		205-917-1	208-96-8		0.019 mg/kg		0.019 mg/kg	0.0000019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				0.039	mg/kg		0.039	mg/kg	0.0000039 %		
			201-469-6	83-32-9									
19		fluorene				0.017	mg/kg		0.017	mg/kg	0.0000017 %		
			201-695-5	86-73-7									
20		phenanthrene				0.096	mg/kg		0.096	mg/kg	0.0000096 %		
			201-581-5	85-01-8									
21		anthracene				0.035	mg/kg		0.035	mg/kg	0.0000035 %		
			204-371-1	120-12-7									
22		fluoranthene				0.334	mg/kg		0.334	mg/kg	0.0000334 %		
			205-912-4	206-44-0									
23		pyrene				0.304	mg/kg		0.304	mg/kg	0.0000304 %		
			204-927-3	129-00-0									
24		benzo[a]anthracene				0.174	mg/kg		0.174	mg/kg	0.0000174 %		
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				0.183	mg/kg		0.183	mg/kg	0.0000183 %		
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				0.049	mg/kg		0.049	mg/kg	0.0000049 %		
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				0.016	mg/kg		0.016	mg/kg	0.0000016 %		
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
31		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
32		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
33		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
34		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
35		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0469 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP129

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP129
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
2		toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
3		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
5		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
6		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
7		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
8		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
9		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
									Total:	4.5e-06 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: TP131

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP131	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15 mg/kg	1.126	16.888 mg/kg	0.00169 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		119 mg/kg	2.774	330.123 mg/kg	0.033 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	acenaphthene		201-469-6	83-32-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	fluorene		201-695-5	86-73-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	phenanthrene		201-581-5	85-01-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	anthracene		204-371-1	120-12-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-912-4	206-44-0									
21		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			204-927-3	129-00-0									
22		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
23		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
24		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-883-8	191-24-2									
28		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
29		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
30		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
31		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
32		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
33		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0499 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP133

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP133
Sample Depth:
1.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13	mg/kg	1.32	17.164	mg/kg	0.00172 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		38	mg/kg	1.126	42.784	mg/kg	0.00428 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	52	mg/kg	1.56	81.11	mg/kg	0.0052 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29	mg/kg	2.976	86.312	mg/kg	0.00863 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		117	mg/kg	2.774	324.575	mg/kg	0.0325 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0526 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP133A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP133A
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15	mg/kg	1.32	19.805	mg/kg	0.00198 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29	mg/kg	1.126	32.651	mg/kg	0.00327 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	32	mg/kg	1.56	49.914	mg/kg	0.0032 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41	mg/kg	2.976	122.027	mg/kg	0.0122 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		86	mg/kg	2.774	238.577	mg/kg	0.0239 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0448 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP133A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP133A[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11	mg/kg	1.32	14.524	mg/kg	0.00145 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26	mg/kg	1.56	40.555	mg/kg	0.0026 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		**<LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33	mg/kg	2.976	98.217	mg/kg	0.00982 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		**<LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		89	mg/kg	2.774	246.899	mg/kg	0.0247 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
											Total:	0.0412 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP134

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP134
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10	mg/kg	1.32	13.203	mg/kg	0.00132 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35	mg/kg	1.126	39.406	mg/kg	0.00394 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25	mg/kg	1.56	38.995	mg/kg	0.0025 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46	mg/kg	2.976	136.908	mg/kg	0.0137 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		105	mg/kg	2.774	291.285	mg/kg	0.0291 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.051 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP135

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP135
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<**LOD**
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31	mg/kg	1.126	34.903	mg/kg	0.00349 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	44	mg/kg	1.56	68.632	mg/kg	0.0044 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43	mg/kg	2.976	127.979	mg/kg	0.0128 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		107	mg/kg	2.774	296.834	mg/kg	0.0297 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0508 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP136

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP136
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<LOD
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22	mg/kg	1.126	24.77	mg/kg	0.00248 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	33	mg/kg	1.56	51.474	mg/kg	0.0033 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36	mg/kg	2.976	107.146	mg/kg	0.0107 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		83	mg/kg	2.774	230.254	mg/kg	0.023 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
											Total:	0.0399 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

- **2,3,7,8-TeCDD** (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

- **1,2,3,7,8-PeCDD** (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

- **1,2,3,4,7,8-HxCDD** (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8,9-HxCDD** (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,4,6,7,8-HpCDD** (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

- **OCDD** (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

- **2,3,7,8-TeCDF** (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8-PeCDF** (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

- **2,3,4,7,8-PeCDF** (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

- **1,2,3,4,7,8-HxCDF** (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,6,7,8-HxCDF (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDF (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

2,3,4,6,7,8-HxCDF (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,7,8,9-HpCDF (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDF (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

3XANC-BYMQG-4VHKQ

Job name

Metrolink - Seatown

Description/Comments

Project

Metrolink

Site

Seatown

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 09:09 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH01	1	Non Hazardous		2
2	ABH01[2]	2	Non Hazardous		4
3	ABH01[3]	4	Non Hazardous		6
4	ABH01[4]	5	Non Hazardous		8
5	ABH01[5]	7.6	Non Hazardous		10
6	ABH01[6]	14	Non Hazardous		12
7	ABH02	0.3	Non Hazardous		14
8	ABH02[2]	2	Non Hazardous		16
9	ABH02[3]	4	Non Hazardous		18
10	ABH02[4]	5	Non Hazardous		20
11	ABH02[5]	7	Non Hazardous		22
12	ABH02[6]	12	Non Hazardous		24
13	ATP08	0.5	Non Hazardous		26
14	ATP08[2]	1.5	Non Hazardous		28
15	ATP09B	0.8	Non Hazardous		30
16	ATP09C	1.4	Non Hazardous		32

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 09:09 GMT

Classification of sample: ABH01

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH01
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.72 mg/kg	1.142	0.822 mg/kg	0.0000822 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57 mg/kg	2.774	158.126 mg/kg	0.0158 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0402 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH01[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH01[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.58 mg/kg	1.142	0.663 mg/kg	0.0000663 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38 mg/kg	1.462	55.539 mg/kg	0.00555 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0411 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH01[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH01[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3 mg/kg	1.5	4.501 mg/kg	0.00045 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66 mg/kg	2.774	183.094 mg/kg	0.0183 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0465 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH01[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH01[4]
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.72 mg/kg	1.142	0.822 mg/kg	0.0000822 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		46 mg/kg	2.774	127.611 mg/kg	0.0128 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.034 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH01[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH01[5]
Sample Depth:
7.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.6 mg/kg	1.142	0.685 mg/kg	0.0000685 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.84 mg/kg	2.554	2.145 mg/kg	0.000215 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100 mg/kg	2.774	277.415 mg/kg	0.0277 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0523 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH01[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH01[6]
Sample Depth:
14 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29 mg/kg	1.32	38.289 mg/kg	0.00383 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.33 mg/kg	1.142	0.377 mg/kg	0.0000377 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.3 mg/kg	1.462	7.746 mg/kg	0.000775 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		9.1 mg/kg	1.126	10.246 mg/kg	0.00102 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0352 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH02

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH02
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.85 mg/kg	1.142	0.971 mg/kg	0.0000971 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34 mg/kg	1.56	53.034 mg/kg	0.0034 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		27 mg/kg	2.976	80.359 mg/kg	0.00804 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61 mg/kg	2.774	169.223 mg/kg	0.0169 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0372 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH02[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH02[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.45 mg/kg	1.142	0.514 mg/kg	0.0000514 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		39 mg/kg	1.462	57.001 mg/kg	0.0057 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59 mg/kg	2.774	163.675 mg/kg	0.0164 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0456 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH02[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH02[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.98 mg/kg	1.142	1.119 mg/kg	0.000112 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.6 mg/kg	1.5	3.9 mg/kg	0.00039 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	213.609 mg/kg	0.0214 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0459 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH02[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH02[4]
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4 mg/kg	1.197	4.07 mg/kg	0.000407 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		32 mg/kg	1.32	42.25 mg/kg	0.00423 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40 mg/kg	1.126	45.036 mg/kg	0.0045 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	32 mg/kg	1.56	49.914 mg/kg	0.0032 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.8 mg/kg	1.5	8.701 mg/kg	0.00087 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		59 mg/kg	2.976	175.6 mg/kg	0.0176 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.5 mg/kg	2.554	6.385 mg/kg	0.000638 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		86 mg/kg	2.774	238.577 mg/kg	0.0239 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		0.01 mg/kg		0.01 mg/kg	0.000001 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0599 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH02[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH02[5]
Sample Depth:
7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		10 mg/kg	1.197	11.971 mg/kg	0.0012 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		33 mg/kg	1.32	43.571 mg/kg	0.00436 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		39 mg/kg	1.126	43.91 mg/kg	0.00439 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.7 mg/kg	1.5	11.551 mg/kg	0.00116 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		66 mg/kg	2.976	196.433 mg/kg	0.0196 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.7 mg/kg	2.554	6.895 mg/kg	0.00069 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0614 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH02[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH02[6]
Sample Depth:
12 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4 mg/kg	1.197	4.788 mg/kg	0.000479 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		38 mg/kg	1.32	50.172 mg/kg	0.00502 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.37 mg/kg	1.142	0.423 mg/kg	0.0000423 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9 mg/kg	1.462	14.469 mg/kg	0.00145 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		13 mg/kg	1.126	14.637 mg/kg	0.00146 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34 mg/kg	1.56	53.034 mg/kg	0.0034 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.43 mg/kg	2.554	1.098 mg/kg	0.00011 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	213.609 mg/kg	0.0214 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
			201-581-5	85-01-8									
23		anthracene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			204-371-1	120-12-7									
24		fluoranthene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			205-912-4	206-44-0									
25		pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0424 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP08

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP08
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.89 mg/kg	1.142	1.017 mg/kg	0.000102 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.38 mg/kg	2.554	0.97 mg/kg	0.000097 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.039 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP08[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP08[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.83 mg/kg	1.142	0.948 mg/kg	0.0000948 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36 mg/kg	1.462	52.616 mg/kg	0.00526 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.41 mg/kg	2.554	1.047 mg/kg	0.000105 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0497 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP09B

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP09B
Sample Depth:
0.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.3 mg/kg	2.554	0.766 mg/kg	0.0000766 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57 mg/kg	2.774	158.126 mg/kg	0.0158 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0411 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP09C

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP09C
Sample Depth:
1.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.92 mg/kg	1.142	1.051 mg/kg	0.000105 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		35 mg/kg	1.462	51.154 mg/kg	0.00512 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.047 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

FMGIN-1ACAO-QEF5Z

Job name

Metrolink - Seatown - Swords

Description/Comments

Project

Metrolink

Site

Seatown - Swords

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 09:06 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ATP09D	1.3	Non Hazardous		2
2	ATP10	0.5	Non Hazardous		4
3	ATP10[2]	1.5	Non Hazardous		6
4	ATP10[3]	2.5	Non Hazardous		8
5	ATP11	0.5	Non Hazardous		10
6	ATP11[2]	2.5	Non Hazardous		13
7	ATP11[3]	4.5	Non Hazardous		16
8	ATP12	1.5	Non Hazardous		19
9	ATP13	0.5	Non Hazardous		22
10	ATP13[2]	2.5	Non Hazardous		24
11	RC114	1	Non Hazardous		26
12	RC127	1.2	Non Hazardous		27
13	RC129	0.5	Non Hazardous		29
14	TP138	0.6	Non Hazardous		30
15	TP139	0.5	Non Hazardous		31
16	TP140	1.1	Non Hazardous		33
17	TP141	0.1	Non Hazardous		35

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 09:06 GMT

Classification of sample: ATP09D

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP09D
Sample Depth:
1.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.1 mg/kg	1.197	7.302 mg/kg	0.00073 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.97 mg/kg	1.142	1.108 mg/kg	0.000111 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.28 mg/kg	2.554	0.715 mg/kg	0.0000715 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66 mg/kg	2.774	183.094 mg/kg	0.0183 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0453 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP10

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP10
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		41 mg/kg	1.126	46.161 mg/kg	0.00462 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	83 mg/kg	1.56	129.465 mg/kg	0.0083 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25 mg/kg	1.353	0.338 mg/kg	0.0000338 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.94 mg/kg	2.554	2.401 mg/kg	0.00024 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100 mg/kg	2.774	277.415 mg/kg	0.0277 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.1 pH		8.1 pH	8.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			201-581-5	85-01-8									
23		anthracene				0.072	mg/kg		0.072	mg/kg	0.0000072 %		
			204-371-1	120-12-7									
24		fluoranthene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			205-912-4	206-44-0									
25		pyrene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0599 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP10[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP10[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11	mg/kg	1.32	14.524	mg/kg	0.00145 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.94	mg/kg	1.142	1.074	mg/kg	0.000107 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	35.077	mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25	mg/kg	1.126	28.147	mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16	mg/kg	1.56	24.957	mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2	mg/kg	1.5	<3	mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39	mg/kg	2.976	116.074	mg/kg	0.0116 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54	mg/kg	2.774	149.804	mg/kg	0.015 %		
13	TPH (C6 to C40) petroleum group			TPH		117.4	mg/kg		117.4	mg/kg	0.0117 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.7	pH		8.7	pH	8.7 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
25		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
26		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0485 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0117%)

Classification of sample: ATP10[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP10[3]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.34 mg/kg	1.142	0.388 mg/kg	0.0000388 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		34 mg/kg	1.462	49.693 mg/kg	0.00497 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43 mg/kg	2.976	127.979 mg/kg	0.0128 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.04 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP11

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP11
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.6 mg/kg	1.197	4.31 mg/kg	0.000431 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	32 mg/kg	1.56	49.914 mg/kg	0.0032 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.69 mg/kg	2.554	1.762 mg/kg	0.000176 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		84 mg/kg	2.774	233.028 mg/kg	0.0233 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				3.67	ng/kg		3.67e-06	mg/kg	3.67e-10 %		
				35822-46-9									
45		OCDD				14.5	ng/kg		1.45e-05	mg/kg	0.000000001 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.58	ng/kg		1.58e-06	mg/kg	1.58e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.154	ng/kg		1.54e-07	mg/kg	1.54e-11 %		
54		OCDF		39001-02-0		2.01	ng/kg		2.01e-06	mg/kg	2.01e-10 %		
										Total:	0.0532 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP11[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP11[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		39 mg/kg	1.126	43.91 mg/kg	0.00439 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34 mg/kg	1.56	53.034 mg/kg	0.0034 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1 mg/kg	1.5	6.151 mg/kg	0.000615 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.89 mg/kg	2.554	2.273 mg/kg	0.000227 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		91 mg/kg	2.774	252.447 mg/kg	0.0252 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.061	mg/kg		0.061	mg/kg	0.0000061 %		
			205-912-4	206-44-0									
25		pyrene				0.063	mg/kg		0.063	mg/kg	0.0000063 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				0.232	ng/kg		2.32e-07	mg/kg	2.32e-11 %		
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				2.77	ng/kg		2.77e-06	mg/kg	2.77e-10 %		
				35822-46-9									
45		OCDD				15.8	ng/kg		1.58e-05	mg/kg	0.000000001 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.03	ng/kg		1.03e-06	mg/kg	1.03e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				0.455	ng/kg		4.55e-07	mg/kg	4.55e-11 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		**<LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		**<LOD**
54		OCDF		39001-02-0		1.32	ng/kg		1.32e-06	mg/kg	1.32e-10 %		
										Total:	0.0562 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP11[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP11[3]
Sample Depth:
4.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1	mg/kg	1.197	2.514	mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16	mg/kg	1.32	21.125	mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3	mg/kg	1.142	1.485	mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29	mg/kg	1.126	32.651	mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	32	mg/kg	1.56	49.914	mg/kg	0.0032 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7	mg/kg	1.5	5.551	mg/kg	0.000555 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42	mg/kg	2.976	125.003	mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.76	mg/kg	2.554	1.941	mg/kg	0.000194 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		75	mg/kg	2.774	208.061	mg/kg	0.0208 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.4	pH		8.4	pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				35822-46-9									
45		OCDD				18.5	ng/kg		1.85e-05	mg/kg	0.000000001 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.71	ng/kg		1.71e-06	mg/kg	1.71e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<**LOD**
54		OCDF		39001-02-0		2.32	ng/kg		2.32e-06	mg/kg	2.32e-10 %		
										Total:	0.0465 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP12

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP12	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43 mg/kg	1.126	48.413 mg/kg	0.00484 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.7 mg/kg	1.5	8.551 mg/kg	0.000855 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		68 mg/kg	2.976	202.386 mg/kg	0.0202 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.78 mg/kg	2.554	1.992 mg/kg	0.000199 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		89 mg/kg	2.774	246.899 mg/kg	0.0247 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				1.13	ng/kg		1.13e-06	mg/kg	1.13e-10 %		
				35822-46-9									
45		OCDD				8.71	ng/kg		8.71e-06	mg/kg	8.71e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				0.519	ng/kg		5.19e-07	mg/kg	5.19e-11 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<**LOD**
54		OCDF		39001-02-0		<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<**LOD**
										Total:	0.0621 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP13

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP13
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28 mg/kg	1.56	43.675 mg/kg	0.0028 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.49 mg/kg	2.554	1.251 mg/kg	0.000125 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0412 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP13[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP13[2]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		59 mg/kg	2.976	175.6 mg/kg	0.0176 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.35 mg/kg	2.554	0.894 mg/kg	0.0000894 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		72 mg/kg	2.774	199.739 mg/kg	0.02 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.05 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC114

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC114
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14	mg/kg	1.32	18.485	mg/kg	0.00185 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28	mg/kg	1.126	31.525	mg/kg	0.00315 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36	mg/kg	1.56	56.153	mg/kg	0.0036 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42	mg/kg	2.976	125.003	mg/kg	0.0125 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		84	mg/kg	2.774	233.028	mg/kg	0.0233 %		
9		pH			PH		7.98	pH		7.98	pH	7.98 pH		
											Total:	0.0447 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC127

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
RC127	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		arsenic { arsenic trioxide }		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
		033-003-00-0 / 215-481-4 / 1327-53-3							
2		cadmium { cadmium oxide }		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
		048-002-00-0 / 215-146-2 / 1306-19-0							
3		copper { dicopper oxide; copper (I) oxide }		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
		029-002-00-X / 215-270-7 / 1317-39-1							
4		lead { lead chromate }	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
		082-004-00-2 / 231-846-0 / 7758-97-6							
5		mercury { mercury dichloride }		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
		080-010-00-X / 231-299-8 / 7487-94-7							
6		nickel { nickel chromate }		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
		028-035-00-7 / 238-766-5 / 14721-18-7							
7		selenium { nickel selenate }		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
		028-031-00-5 / 239-125-2 / 15060-62-5							
8		zinc { zinc chromate }		79 mg/kg	2.774	219.158 mg/kg	0.0219 %		
		024-007-00-3 / 236-878-9 / 13530-65-9							
9		pH		8.19 pH		8.19 pH	8.19 pH		
		/ / PH							
10		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7 / 200-024-3 / 50-29-3							
11		dieldrin (ISO)		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9 / 200-484-5 / 60-57-1							
12		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X / 200-775-7 / 72-20-8							
13		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2 / 200-962-3 / 76-44-8							
14		aldrin (ISO)		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3 / 206-215-8 / 309-00-2							
						Total:	0.0443 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC129

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC129

Sample Depth:
0.5 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12	mg/kg	1.32	15.844	mg/kg	0.00158 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29	mg/kg	1.126	32.651	mg/kg	0.00327 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24	mg/kg	1.56	37.436	mg/kg	0.0024 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46	mg/kg	2.976	136.908	mg/kg	0.0137 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		82	mg/kg	2.774	227.48	mg/kg	0.0227 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0441 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP138

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP138
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<LOD
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14	mg/kg	1.126	15.762	mg/kg	0.00158 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12	mg/kg	1.56	18.718	mg/kg	0.0012 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		22	mg/kg	2.976	65.478	mg/kg	0.00655 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59	mg/kg	2.774	163.675	mg/kg	0.0164 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
											Total:	0.026 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP139

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP139	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		83 mg/kg	2.774	230.254 mg/kg	0.023 %		
9	pH			PH		8.13 pH		8.13 pH	8.13 pH		
10	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
11	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
								Total:	0.0411 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP140

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
TP140	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35 mg/kg	1.126	39.406 mg/kg	0.00394 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58 mg/kg	2.976	172.623 mg/kg	0.0173 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		97 mg/kg	2.774	269.092 mg/kg	0.0269 %		
9	pH			PH		8.09 pH		8.09 pH	8.09 pH		
10	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
11	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
								Total:	0.0529 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP141

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP141
Sample Depth:
0.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<**LOD**
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27	mg/kg	1.126	30.399	mg/kg	0.00304 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	43	mg/kg	1.56	67.072	mg/kg	0.0043 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37	mg/kg	2.976	110.122	mg/kg	0.011 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		96	mg/kg	2.774	266.318	mg/kg	0.0266 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0453 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

2,3,7,8-TeCDD (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,7,8-PeCDD (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,4,7,8-HxCDD (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDD (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,6,7,8-HpCDD (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDD (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

2,3,7,8-TeCDF (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8-PeCDF (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

2,3,4,7,8-PeCDF (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

1,2,3,4,7,8-HxCDF (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,6,7,8-HxCDF** (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8,9-HxCDF** (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **2,3,4,6,7,8-HxCDF** (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,4,7,8,9-HpCDF** (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

- **OCDF** (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

V50MT-TOTHF-EUQXS

Job name

Metrolink - Swords

Description/Comments

Project

Metrolink

Site

Swords

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 09:42 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH03	0.5	Non Hazardous		2
2	ABH03[2]	2	Non Hazardous		5
3	ABH03[3]	4	Non Hazardous		8
4	ABH04	0.5	Non Hazardous		10
5	ABH04[2]	3.1	Non Hazardous		13
6	ABH04[3]	8.8	Non Hazardous		16
7	ATP14	0.5	Non Hazardous		18
8	ATP14[2]	1.5	Non Hazardous		20
9	ATP15	2.5	Non Hazardous		23
10	ATP15[2]	3.5	Non Hazardous		25
11	BH123ACP	1	Non Hazardous		27
12	BH139ACP	1	Non Hazardous		29
13	RC121	1	Non Hazardous		30
14	RC122	1	Non Hazardous		31
15	TP150	2	Non Hazardous		33

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 09:42 GMT

Classification of sample: ABH03

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH03
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.5 mg/kg	1.5	5.251 mg/kg	0.000525 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43 mg/kg	2.976	127.979 mg/kg	0.0128 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.25 mg/kg	2.554	0.638 mg/kg	0.0000638 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0388 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH03[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH03[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2	mg/kg	1.197	2.634	mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17	mg/kg	1.32	22.446	mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	35.077	mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33	mg/kg	1.126	37.154	mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26	mg/kg	1.56	40.555	mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.1	mg/kg	1.5	7.651	mg/kg	0.000765 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50	mg/kg	2.976	148.813	mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7	mg/kg	2.554	4.342	mg/kg	0.000434 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77	mg/kg	2.774	213.609	mg/kg	0.0214 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.8	pH		8.8	pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0502 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH03[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH03[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.71 mg/kg	1.142	0.811 mg/kg	0.0000811 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2 mg/kg	1.5	3 mg/kg	0.0003 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		60 mg/kg	2.774	166.449 mg/kg	0.0166 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				0.046	mg/kg		0.046	mg/kg	0.0000046 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0419 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH04

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH04
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.34 mg/kg	2.554	0.868 mg/kg	0.0000868 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		67 mg/kg	2.774	185.868 mg/kg	0.0186 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0429 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH04[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH04[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3.1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.81 mg/kg	1.142	0.925 mg/kg	0.0000925 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	5.701 mg/kg	0.00057 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.2 mg/kg	2.554	5.618 mg/kg	0.000562 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0452 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH04[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH04[3]
Sample Depth:
8.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.74 mg/kg	1.142	0.845 mg/kg	0.0000845 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.66 mg/kg	2.554	1.686 mg/kg	0.000169 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61 mg/kg	2.774	169.223 mg/kg	0.0169 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		10 pH		10 pH	10pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0426 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP14

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP14
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.26 mg/kg	2.554	0.664 mg/kg	0.0000664 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		51 mg/kg	2.774	141.481 mg/kg	0.0141 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0359 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP14[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP14[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.78 mg/kg	2.554	1.992 mg/kg	0.000199 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		1,1-dichloroethane and 1,2-dichloroethane (combined)				0.0041	mg/kg		0.0041	mg/kg	0.00000041 %		
			203-458-1, 200-863-5	107-06-2, 75-34-3									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.043 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,1-dichloroethane and 1,2-dichloroethane (combined): (conc.: 4.1e-07%)

Classification of sample: ATP15

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP15	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.75 mg/kg	1.142	0.857 mg/kg	0.0000857 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		34 mg/kg	1.462	49.693 mg/kg	0.00497 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	15 mg/kg	1.56	23.397 mg/kg	0.0015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.28 mg/kg	2.554	0.715 mg/kg	0.0000715 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59 mg/kg	2.774	163.675 mg/kg	0.0164 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0439 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP15[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP15[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.71 mg/kg	1.142	0.811 mg/kg	0.0000811 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14 mg/kg	1.56	21.837 mg/kg	0.0014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41 mg/kg	2.976	122.027 mg/kg	0.0122 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		51 mg/kg	2.774	141.481 mg/kg	0.0141 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0376 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH123ACP

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH123ACP	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<**LOD**
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16	mg/kg	1.126	18.014	mg/kg	0.0018 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	31	mg/kg	1.56	48.354	mg/kg	0.0031 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21	mg/kg	2.976	62.502	mg/kg	0.00625 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59	mg/kg	2.774	163.675	mg/kg	0.0164 %		
9		fluoranthene		205-912-4	206-44-0		0.104	mg/kg		0.104	mg/kg	0.0000104 %		
10		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0279 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH139ACP

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH139ACP	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		6 mg/kg	1.32	7.922 mg/kg	0.000792 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		**<LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		**<LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		91 mg/kg	2.774	252.447 mg/kg	0.0252 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
									Total:	0.047 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC121

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC121
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9	mg/kg	1.32	11.883	mg/kg	0.00119 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32	mg/kg	1.126	36.028	mg/kg	0.0036 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	50	mg/kg	1.56	77.991	mg/kg	0.005 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36	mg/kg	2.976	107.146	mg/kg	0.0107 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		96	mg/kg	2.774	266.318	mg/kg	0.0266 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0474 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC122

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC122
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14 mg/kg	1.126	15.762 mg/kg	0.00158 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	68.454 mg/kg	0.00685 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66 mg/kg	2.774	183.094 mg/kg	0.0183 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
15	pH			PH		7.65 pH		7.65 pH	7.65 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
31		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
32		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
33		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
34		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
35		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0298 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP150

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP150	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-045-00-7	200-024-3	50-29-3									
2		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-049-00-9	200-484-5	60-57-1									
3		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-051-00-X	200-775-7	72-20-8									
4		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-046-00-2	200-962-3	76-44-8									
5		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	5.0e-07 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
<LOD	Below limit of detection
ND	Not detected

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

1,1-dichloroethane and 1,2-dichloroethane (combined) (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2 H225 , Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 1B H350 , Aquatic Chronic 3 H412

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

NCK37-R2PIS-8O1ZJ

Job name

Metrolink - Swords - Fostertown

Description/Comments

Project

Metrolink

Site

Swords - Fostertown

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 09:26 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ATP16	0.5	Non Hazardous		2
2	ATP16[2]	1.5	Non Hazardous		4
3	ATP17	0.5	Non Hazardous		6
4	ATP17[2]	1.5	Non Hazardous		8
5	ATP18	0.5	Non Hazardous		10
6	ATP18[2]	2.5	Non Hazardous		12
7	RC201	0.6	Non Hazardous		14
8	RC202	1	Non Hazardous		15
9	TP149	0.5	Non Hazardous		16
10	TP154	0.4	Non Hazardous		18

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 09:26 GMT

Classification of sample: ATP16

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP16
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.82 mg/kg	1.142	0.937 mg/kg	0.0000937 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		41 mg/kg	1.462	59.924 mg/kg	0.00599 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		57 mg/kg	2.976	169.647 mg/kg	0.017 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.38 mg/kg	2.554	0.97 mg/kg	0.000097 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		70 mg/kg	2.774	194.19 mg/kg	0.0194 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0512 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP16[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP16[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.51 mg/kg	1.142	0.583 mg/kg	0.0000583 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	15 mg/kg	1.56	23.397 mg/kg	0.0015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.27 mg/kg	2.554	0.69 mg/kg	0.000069 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		55 mg/kg	2.774	152.578 mg/kg	0.0153 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0399 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP17

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP17
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		32 mg/kg	1.462	46.77 mg/kg	0.00468 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40 mg/kg	1.126	45.036 mg/kg	0.0045 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	46 mg/kg	1.56	71.751 mg/kg	0.0046 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.84 mg/kg	2.554	2.145 mg/kg	0.000215 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		0.46 mg/kg		0.46 mg/kg	0.000046 %		
19	acenaphthylene		205-917-1	208-96-8		0.75 mg/kg		0.75 mg/kg	0.000075 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				0.083	mg/kg		0.083	mg/kg	0.0000083 %		
			201-469-6	83-32-9									
21		fluorene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			201-695-5	86-73-7									
22		phenanthrene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
			201-581-5	85-01-8									
23		anthracene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			204-371-1	120-12-7									
24		fluoranthene				12	mg/kg		12	mg/kg	0.0012 %		
			205-912-4	206-44-0									
25		pyrene				9.9	mg/kg		9.9	mg/kg	0.00099 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				6.1	mg/kg		6.1	mg/kg	0.00061 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				5.6	mg/kg		5.6	mg/kg	0.00056 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				7.4	mg/kg		7.4	mg/kg	0.00074 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				2.9	mg/kg		2.9	mg/kg	0.00029 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				6.3	mg/kg		6.3	mg/kg	0.00063 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				4	mg/kg		4	mg/kg	0.0004 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
			205-883-8	191-24-2									
										Total:	0.0688 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP17[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP17[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.99 mg/kg	1.142	1.131 mg/kg	0.000113 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66 mg/kg	2.774	183.094 mg/kg	0.0183 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			201-581-5	85-01-8									
23		anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			204-371-1	120-12-7									
24		fluoranthene				0.68	mg/kg		0.68	mg/kg	0.000068 %		
			205-912-4	206-44-0									
25		pyrene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.51	mg/kg		0.51	mg/kg	0.000051 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.087	mg/kg		0.087	mg/kg	0.0000087 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-883-8	191-24-2									
										Total:	0.0408 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP18

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP18
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		50 mg/kg	1.126	56.294 mg/kg	0.00563 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	110 mg/kg	1.56	171.58 mg/kg	0.011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.62 mg/kg	1.353	0.839 mg/kg	0.0000839 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7 mg/kg	1.5	5.551 mg/kg	0.000555 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.85 mg/kg	2.554	2.171 mg/kg	0.000217 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		92 mg/kg	2.774	255.221 mg/kg	0.0255 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0623 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP18[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP18[2]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14 mg/kg	1.126	15.762 mg/kg	0.00158 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.29 mg/kg	2.554	0.741 mg/kg	0.0000741 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		72 mg/kg	2.774	199.739 mg/kg	0.02 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0399 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC201

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC201
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11	mg/kg	1.32	14.524	mg/kg	0.00145 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30	mg/kg	1.126	33.777	mg/kg	0.00338 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21	mg/kg	1.56	32.756	mg/kg	0.0021 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51	mg/kg	2.976	151.79	mg/kg	0.0152 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		76	mg/kg	2.774	210.835	mg/kg	0.0211 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0436 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
RC202	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-045-00-7	200-024-3	50-29-3									
2		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-049-00-9	200-484-5	60-57-1									
3		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-051-00-X	200-775-7	72-20-8									
4		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-046-00-2	200-962-3	76-44-8									
5		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	5.0e-07 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
<LOD	Below limit of detection
ND	Not detected

Classification of sample: TP149

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP149
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8 mg/kg	1.32	10.563 mg/kg	0.00106 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		61 mg/kg	2.976	181.552 mg/kg	0.0182 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		109 mg/kg	2.774	302.382 mg/kg	0.0302 %		
9	pH			PH		6.52 pH		6.52 pH	6.52 pH		
10	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
11	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
								Total:	0.0557 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP154

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP154
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9	mg/kg	1.32	11.883	mg/kg	0.00119 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27	mg/kg	1.126	30.399	mg/kg	0.00304 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	39	mg/kg	1.56	60.833	mg/kg	0.0039 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40	mg/kg	2.976	119.051	mg/kg	0.0119 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110	mg/kg	2.774	305.156	mg/kg	0.0305 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
											Total:	0.0509 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

PXKJC-6RLB0-XOSN5

Job name

Metrolink - Fostertown and F-town to N Portal

Description/Comments

Project

Metrolink

Site

Fostertown and F-town to N Portal

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 08:59 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH05	1.5	Non Hazardous		3
2	ABH05[2]	2.5	Non Hazardous		6
3	ABH05[3]	9.9	Non Hazardous		9
4	ABH05[4]	12	Non Hazardous		11
5	ABH06	0.5	Non Hazardous		13
6	ABH06[2]	1.5	Non Hazardous		16
7	ABH06[3]	6.1	Non Hazardous		18
8	ABH06[4]	15	Non Hazardous		20
9	ABH07	0.3	Non Hazardous		22
10	ABH07[2]	1	Non Hazardous		24
11	ABH07[3]	8.5	Non Hazardous		26
12	ABH07[4]	13.5	Non Hazardous		28
13	ABH08	1.3	Non Hazardous		30
14	ABH08[2]	2	Non Hazardous		33
15	ABH08[3]	3.8	Non Hazardous		36
16	ABH08[4]	4.8	Non Hazardous		38
17	ABH08[5]	8	Non Hazardous		40
18	ABH08ii	1	Non Hazardous		42
19	ATP19	0.5	Non Hazardous		45
20	ATP19[2]	2.5	Non Hazardous		47
21	ATP20	0.5	Non Hazardous		49
22	ATP20[2]	2	Non Hazardous		51
23	ATP21	0.4	Non Hazardous		53
24	ATP21[2]	2.2	Non Hazardous		55
25	BH209ACP	0.4	Non Hazardous		57
26	BH210ACP	0.5	Non Hazardous		58
27	RC203	0.6	Non Hazardous		59
28	RC205	0.1	Non Hazardous		60
29	RC205[2]	0.5	Non Hazardous		62
30	RC205[3]	1	Non Hazardous		64
31	RC207	1	Non Hazardous		66
32	RC208	0.6	Non Hazardous		67
33	RC208[2]	1.2	Non Hazardous		68
34	TP202	1	Non Hazardous		69

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
35	TP205	1.5	Non Hazardous		70
36	TP206	4.5	Non Hazardous		72
37	TP208	0.5	Non Hazardous		74
38	TP210	1	Non Hazardous		75

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 08:59 GMT

Classification of sample: ABH05

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH05	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14 mg/kg	1.56	21.837 mg/kg	0.0014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7 mg/kg	1.5	7.051 mg/kg	0.000705 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.45 mg/kg	2.554	1.149 mg/kg	0.000115 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		50 mg/kg	2.774	138.707 mg/kg	0.0139 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0356 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH05[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH05[2]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14 mg/kg	1.56	21.837 mg/kg	0.0014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.9 mg/kg	1.5	7.351 mg/kg	0.000735 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.6 mg/kg	2.554	6.64 mg/kg	0.000664 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		49 mg/kg	2.774	135.933 mg/kg	0.0136 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0366 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH05[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH05[3]

Sample Depth:
9.9 m

LoW Code:

Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.6 mg/kg	2.554	4.086 mg/kg	0.000409 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		70 mg/kg	2.774	194.19 mg/kg	0.0194 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0462 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH05[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH05[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
12 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	15 mg/kg	1.56	23.397 mg/kg	0.0015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	5.701 mg/kg	0.00057 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59 mg/kg	2.774	163.675 mg/kg	0.0164 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.039 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH06

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH06	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28 mg/kg	1.56	43.675 mg/kg	0.0028 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.36 mg/kg	2.554	0.919 mg/kg	0.0000919 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		190 mg/kg	2.774	527.088 mg/kg	0.0527 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0768 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH06[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH06[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.5 mg/kg	1.5	6.751 mg/kg	0.000675 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.46 mg/kg	2.554	1.175 mg/kg	0.000117 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		81 mg/kg	2.774	224.706 mg/kg	0.0225 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0501 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH06[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH06[3]
Sample Depth:
6.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16 mg/kg	1.126	18.014 mg/kg	0.0018 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11 mg/kg	1.56	17.158 mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2 mg/kg	2.554	5.108 mg/kg	0.000511 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		44 mg/kg	2.774	122.062 mg/kg	0.0122 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0298 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH06[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH06[4]
Sample Depth:
15 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.051 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH07

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH07
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.99 mg/kg	1.142	1.131 mg/kg	0.000113 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.1 mg/kg	1.5	4.651 mg/kg	0.000465 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.6 mg/kg	2.554	6.64 mg/kg	0.000664 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61 mg/kg	2.774	169.223 mg/kg	0.0169 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0407 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH07[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH07[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.9 mg/kg	1.5	7.351 mg/kg	0.000735 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.5 mg/kg	2.554	8.938 mg/kg	0.000894 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		76 mg/kg	2.774	210.835 mg/kg	0.0211 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0506 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH07[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH07[3]
Sample Depth:
8.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7 mg/kg	1.5	5.551 mg/kg	0.000555 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.1 mg/kg	2.554	5.363 mg/kg	0.000536 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.047	mg/kg		0.047	mg/kg	0.0000047 %		
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0482 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH07[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH07[4]
Sample Depth:
13.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2	mg/kg	1.197	2.634	mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24	mg/kg	1.32	31.688	mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.95	mg/kg	1.142	1.085	mg/kg	0.000109 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26	mg/kg	1.126	29.273	mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24	mg/kg	1.56	37.436	mg/kg	0.0024 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4	mg/kg	1.5	3.6	mg/kg	0.00036 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46	mg/kg	2.976	136.908	mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4	mg/kg	2.554	3.575	mg/kg	0.000358 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78	mg/kg	2.774	216.383	mg/kg	0.0216 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	pH			PH		9	pH		9	pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0483 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH08

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH08
Sample Depth:
1.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		40 mg/kg	1.462	58.462 mg/kg	0.00585 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		64 mg/kg	1.126	72.057 mg/kg	0.00721 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	54 mg/kg	1.56	84.23 mg/kg	0.0054 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		3 mg/kg	1.353	4.06 mg/kg	0.000406 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43 mg/kg	2.976	127.979 mg/kg	0.0128 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.1 mg/kg	2.554	7.917 mg/kg	0.000792 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		170 mg/kg	2.774	471.605 mg/kg	0.0472 %		
13	TPH (C6 to C40) petroleum group			TPH		396 mg/kg		396 mg/kg	0.0396 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.8 pH		8.8 pH	8.8 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				0.087	mg/kg		0.087	mg/kg	0.0000087 %		
			201-581-5	85-01-8									
24		anthracene				0.029	mg/kg		0.029	mg/kg	0.0000029 %		
			204-371-1	120-12-7									
25		fluoranthene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			205-912-4	206-44-0									
26		pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.062	mg/kg		0.062	mg/kg	0.0000062 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.062	mg/kg		0.062	mg/kg	0.0000062 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				0.328	ng/kg		3.28e-07	mg/kg	3.28e-11 %		
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				0.748	ng/kg		7.48e-07	mg/kg	7.48e-11 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				7.45	ng/kg		7.45e-06	mg/kg	7.45e-10 %		
				35822-46-9									
46		OCDD				33	ng/kg		3.3e-05	mg/kg	0.000000003 %		
				3268-87-9									
47		2,3,7,8-TeCDF				7.87	ng/kg		7.87e-06	mg/kg	7.87e-10 %		
				51207-31-9									
48		1,2,3,7,8-PeCDF				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				57117-41-6									
49		2,3,4,7,8-PeCDF				1.97	ng/kg		1.97e-06	mg/kg	1.97e-10 %		
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				2.22	ng/kg		2.22e-06	mg/kg	2.22e-10 %		
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				1.38	ng/kg		1.38e-06	mg/kg	1.38e-10 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.25	ng/kg		<2.5e-07 mg/kg	<2.5e-11 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		1.77	ng/kg		1.77e-06 mg/kg	1.77e-10 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.849	ng/kg		8.49e-07 mg/kg	8.49e-11 %		
55		OCDF		39001-02-0		17.2	ng/kg		1.72e-05 mg/kg	0.000000001 %		
									Total:	0.124 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0396%)

Classification of sample: ABH08[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH08[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		11 mg/kg	1.197	13.168 mg/kg	0.00132 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		62 mg/kg	1.126	69.805 mg/kg	0.00698 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	130 mg/kg	1.56	202.776 mg/kg	0.013 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.42 mg/kg	1.353	0.568 mg/kg	0.0000568 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.7 mg/kg	1.5	8.551 mg/kg	0.000855 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		280 mg/kg	2.774	776.761 mg/kg	0.0777 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			205-912-4	206-44-0									
25		pyrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.078	mg/kg		0.078	mg/kg	0.0000078 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.091	mg/kg		0.091	mg/kg	0.0000091 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.091	mg/kg		0.091	mg/kg	0.0000091 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				0.457	ng/kg		4.57e-07	mg/kg	4.57e-11 %		
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				7.51	ng/kg		7.51e-06	mg/kg	7.51e-10 %		
				35822-46-9									
45		OCDD				38	ng/kg		3.8e-05	mg/kg	0.000000003 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.77	ng/kg		1.77e-06	mg/kg	1.77e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				1.03	ng/kg		1.03e-06	mg/kg	1.03e-10 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				1.36	ng/kg		1.36e-06	mg/kg	1.36e-10 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				1.03	ng/kg		1.03e-06	mg/kg	1.03e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				0.8	ng/kg		8.0e-07	mg/kg	8.0e-11 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		0.963	ng/kg		9.63e-07 mg/kg	9.63e-11 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.555	ng/kg		5.55e-07 mg/kg	5.55e-11 %		
54		OCDF		39001-02-0		9.49	ng/kg		9.49e-06 mg/kg	9.49e-10 %		
									Total:	0.121 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH08[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH08[3]
Sample Depth:
3.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40 mg/kg	1.126	45.036 mg/kg	0.0045 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.3 mg/kg	1.5	9.451 mg/kg	0.000945 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.6 mg/kg	2.554	9.194 mg/kg	0.000919 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57 mg/kg	2.774	158.126 mg/kg	0.0158 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0445 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH08[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH08[4]
Sample Depth:
4.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		44 mg/kg	1.126	49.539 mg/kg	0.00495 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.6 mg/kg	1.5	11.401 mg/kg	0.00114 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		57 mg/kg	2.976	169.647 mg/kg	0.017 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.5 mg/kg	2.554	11.492 mg/kg	0.00115 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		70 mg/kg	2.774	194.19 mg/kg	0.0194 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0536 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH08[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH08[5]
Sample Depth:
8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.3 mg/kg	1.5	6.451 mg/kg	0.000645 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0464 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH08ii

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH08ii
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		89 mg/kg	1.126	100.204 mg/kg	0.01 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	31 mg/kg	1.56	48.354 mg/kg	0.0031 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1 mg/kg	1.5	6.151 mg/kg	0.000615 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.38 mg/kg	2.554	0.97 mg/kg	0.000097 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0536 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP19

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP19	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	38 mg/kg	1.56	59.273 mg/kg	0.0038 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3 mg/kg	1.5	4.501 mg/kg	0.00045 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.43 mg/kg	2.554	1.098 mg/kg	0.00011 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0465 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP19[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP19[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36 mg/kg	1.126	40.532 mg/kg	0.00405 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	98 mg/kg	1.56	152.862 mg/kg	0.0098 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.2 mg/kg	1.5	10.801 mg/kg	0.00108 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58 mg/kg	2.976	172.623 mg/kg	0.0173 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.7 mg/kg	2.554	6.895 mg/kg	0.00069 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		95 mg/kg	2.774	263.544 mg/kg	0.0264 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0667 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP20

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP20	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.59 mg/kg	2.554	1.507 mg/kg	0.000151 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		79 mg/kg	2.774	219.158 mg/kg	0.0219 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.046 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP20[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP20[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.9 mg/kg	1.5	7.351 mg/kg	0.000735 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		63 mg/kg	2.774	174.771 mg/kg	0.0175 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0425 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP21

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP21
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.6 mg/kg	1.197	4.31 mg/kg	0.000431 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29 mg/kg	1.32	38.289 mg/kg	0.00383 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.98 mg/kg	1.142	1.119 mg/kg	0.000112 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	35 mg/kg	1.56	54.594 mg/kg	0.0035 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.6 mg/kg	1.5	3.9 mg/kg	0.00039 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.36 mg/kg	2.554	0.919 mg/kg	0.0000919 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0395 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP21[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP21[2]
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		46 mg/kg	1.126	51.791 mg/kg	0.00518 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.2 mg/kg	2.554	8.172 mg/kg	0.000817 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		58 mg/kg	2.774	160.9 mg/kg	0.0161 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0431 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH209ACP

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH209ACP	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.4 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	49 mg/kg	1.56	76.431 mg/kg	0.0049 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		**<LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		**<LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		116 mg/kg	2.774	321.801 mg/kg	0.0322 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
									Total:	0.0597 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH210ACP

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH210ACP
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8	mg/kg	1.32	10.563	mg/kg	0.00106 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		47	mg/kg	1.126	52.917	mg/kg	0.00529 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	103	mg/kg	1.56	160.661	mg/kg	0.0103 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38	mg/kg	2.976	113.098	mg/kg	0.0113 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		114	mg/kg	2.774	316.253	mg/kg	0.0316 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0599 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC203

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC203
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5	mg/kg	1.32	6.602	mg/kg	0.00066 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22	mg/kg	1.126	24.77	mg/kg	0.00248 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19	mg/kg	1.56	29.636	mg/kg	0.0019 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		**<LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44	mg/kg	2.976	130.956	mg/kg	0.0131 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		**<LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		116	mg/kg	2.774	321.801	mg/kg	0.0322 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
											Total:	0.0506 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC205

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC205
Sample Depth:
0.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		41 mg/kg	1.126	46.161 mg/kg	0.00462 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	75 mg/kg	1.56	116.986 mg/kg	0.0075 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		119 mg/kg	2.774	330.123 mg/kg	0.033 %		
9	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	acenaphthene		201-469-6	83-32-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	fluorene		201-695-5	86-73-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	phenanthrene		201-581-5	85-01-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	anthracene		204-371-1	120-12-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	fluoranthene		205-912-4	206-44-0		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
21		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
22		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
23		benzo[b]fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
24		benzo[k]fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
29		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
30		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
31		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
32		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
33		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.058 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC205[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC205[2]
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<LOD
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		38	mg/kg	1.126	42.784	mg/kg	0.00428 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	57	mg/kg	1.56	88.909	mg/kg	0.0057 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43	mg/kg	2.976	127.979	mg/kg	0.0128 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		111	mg/kg	2.774	307.93	mg/kg	0.0308 %		
9		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
13		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		acenaphthylene		205-917-1	208-96-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		acenaphthene		201-469-6	83-32-9		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		fluorene		201-695-5	86-73-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		phenanthrene		201-581-5	85-01-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		anthracene		204-371-1	120-12-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
21		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
22		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
23		benzo[b]fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
24		benzo[k]fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
29		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
30		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
31		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
32		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
33		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.054 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC205[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC205[3]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<LOD
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33	mg/kg	1.126	37.154	mg/kg	0.00372 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25	mg/kg	1.56	38.995	mg/kg	0.0025 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46	mg/kg	2.976	136.908	mg/kg	0.0137 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		86	mg/kg	2.774	238.577	mg/kg	0.0239 %		
9		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
13		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		acenaphthylene		205-917-1	208-96-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		acenaphthene		201-469-6	83-32-9		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		fluorene		201-695-5	86-73-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		phenanthrene		201-581-5	85-01-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		anthracene		204-371-1	120-12-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19		fluoranthene		205-912-4	206-44-0		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
21		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
22		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
23		benzo[b]fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
24		benzo[k]fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
29		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
30		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
31		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
32		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
33		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0442 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC207

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
RC207
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12	mg/kg	1.32	15.844	mg/kg	0.00158 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33	mg/kg	1.126	37.154	mg/kg	0.00372 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23	mg/kg	1.56	35.876	mg/kg	0.0023 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49	mg/kg	2.976	145.837	mg/kg	0.0146 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		83	mg/kg	2.774	230.254	mg/kg	0.023 %		
9		pH			PH		8.09	pH		8.09	pH	8.09 pH		
											Total:	0.0456 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: RC208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
RC208	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.6 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1		pH				7.23 pH		7.23 pH	7.23 pH		
				PH							
								Total:	0%		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: RC208[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
RC208[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.2 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1	●	pH		PH		7.31 pH		7.31 pH	7.31 pH		
								Total:	0%		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP202	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-045-00-7	200-024-3	50-29-3									
2		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-049-00-9	200-484-5	60-57-1									
3		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-051-00-X	200-775-7	72-20-8									
4		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-046-00-2	200-962-3	76-44-8									
5		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	5.0e-07 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
<LOD	Below limit of detection
ND	Not detected

Classification of sample: TP205

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP205
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		75 mg/kg	2.774	208.061 mg/kg	0.0208 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
15	pH			PH		8.28 pH		8.28 pH	8.28 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0408 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP206

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP206
Sample Depth:
4.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61 mg/kg	2.774	169.223 mg/kg	0.0169 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
15	pH			PH		7.91 pH		7.91 pH	7.91 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		0.025 mg/kg		0.025 mg/kg	0.0000025 %		
17	acenaphthylene		205-917-1	208-96-8		0.001 mg/kg		0.001 mg/kg	0.0000001 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				0.025	mg/kg		0.025	mg/kg	0.0000025 %		
			201-469-6	83-32-9									
19		fluorene				0.021	mg/kg		0.021	mg/kg	0.0000021 %		
			201-695-5	86-73-7									
20		phenanthrene				0.064	mg/kg		0.064	mg/kg	0.0000064 %		
			201-581-5	85-01-8									
21		anthracene				0.003	mg/kg		0.003	mg/kg	0.0000003 %		
			204-371-1	120-12-7									
22		fluoranthene				0.009	mg/kg		0.009	mg/kg	0.0000009 %		
			205-912-4	206-44-0									
23		pyrene				0.015	mg/kg		0.015	mg/kg	0.0000015 %		
			204-927-3	129-00-0									
24		benzo[a]anthracene				0.022	mg/kg		0.022	mg/kg	0.0000022 %		
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				0.038	mg/kg		0.038	mg/kg	0.0000038 %		
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				0.003	mg/kg		0.003	mg/kg	0.0000003 %		
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
31		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
32		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
33		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
34		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
35		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0358 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP208
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10	mg/kg	1.32	13.203	mg/kg	0.00132 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20	mg/kg	1.126	22.518	mg/kg	0.00225 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18	mg/kg	1.56	28.077	mg/kg	0.0018 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37	mg/kg	2.976	110.122	mg/kg	0.011 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65	mg/kg	2.774	180.32	mg/kg	0.018 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0347 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP210

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP210
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		6	mg/kg	1.32	7.922	mg/kg	0.000792 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		7	mg/kg	1.126	7.881	mg/kg	0.000788 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28	mg/kg	1.56	43.675	mg/kg	0.0028 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42	mg/kg	2.976	125.003	mg/kg	0.0125 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		93	mg/kg	2.774	257.996	mg/kg	0.0258 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.043 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

2,3,7,8-TeCDD (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,7,8-PeCDD (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,4,7,8-HxCDD (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDD (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,6,7,8-HpCDD (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDD (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

2,3,7,8-TeCDF (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8-PeCDF (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

2,3,4,7,8-PeCDF (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

1,2,3,4,7,8-HxCDF (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,6,7,8-HxCDF** (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8,9-HxCDF** (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **2,3,4,6,7,8-HxCDF** (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,4,7,8,9-HpCDF** (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

- **OCDF** (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

GUIXH-V2XKX-4JSFB

Job name

Metrolink - North Portal

Description/Comments

Project

Metrolink

Site

North Portal

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 12:26 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH09	0.3	Non Hazardous		2
2	ABH09[2]	1	Non Hazardous		4
3	ABH09[3]	3	Non Hazardous		6
4	ABH09[4]	8.6	Non Hazardous		9
5	ABH09[5]	11.5	Non Hazardous		11
6	ABH09[6]	19.8	Non Hazardous		13
7	ATP25	0.5	Non Hazardous		15
8	ATP25[2]	1.5	Non Hazardous		17
9	BH212	1.1	Non Hazardous		19
10	TP212	0.5	Non Hazardous		20

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 12:26 GMT

Classification of sample: ABH09

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH09
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43 mg/kg	1.126	48.413 mg/kg	0.00484 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	79 mg/kg	1.56	123.225 mg/kg	0.0079 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25 mg/kg	1.353	0.338 mg/kg	0.0000338 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130 mg/kg	2.774	360.639 mg/kg	0.0361 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			201-581-5	85-01-8									
23		anthracene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-371-1	120-12-7									
24		fluoranthene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			205-912-4	206-44-0									
25		pyrene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.059	mg/kg		0.059	mg/kg	0.0000059 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0714 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH09[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH09[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.7 mg/kg	1.5	8.551 mg/kg	0.000855 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.72 mg/kg	2.554	1.839 mg/kg	0.000184 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		79 mg/kg	2.774	219.158 mg/kg	0.0219 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0526 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH09[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH09[3]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		7.8 mg/kg	1.197	9.337 mg/kg	0.000934 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	39 mg/kg	1.56	60.833 mg/kg	0.0039 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		8.9 mg/kg	1.5	13.352 mg/kg	0.00134 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		5 mg/kg	2.554	12.769 mg/kg	0.00128 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78 mg/kg	2.774	216.383 mg/kg	0.0216 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		0.0023 mg/kg		0.0023 mg/kg	0.00000023 %		
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35	●	1,1-dichloroethane and 1,2-dichloroethane (combined)				0.0074	mg/kg		0.0074	mg/kg	0.00000074 %		
			203-458-1, 200-863-5	107-06-2, 75-34-3									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0549 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

toluene: (conc.: 2.3e-07%)
1,1-dichloroethane and 1,2-dichloroethane (combined): (conc.: 7.4e-07%)

Classification of sample: ABH09[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH09[4]
Sample Depth:
8.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.8 mg/kg	1.5	7.201 mg/kg	0.00072 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65 mg/kg	2.774	180.32 mg/kg	0.018 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0454 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH09[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH09[5]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
11.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.88 mg/kg	1.142	1.005 mg/kg	0.000101 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41 mg/kg	2.976	122.027 mg/kg	0.0122 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.89 mg/kg	2.554	2.273 mg/kg	0.000227 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		9.2 pH		9.2 pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0376 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH09[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH09[6]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
19.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<**LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		31	mg/kg	1.32	40.93	mg/kg	0.00409 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.86	mg/kg	1.142	0.982	mg/kg	0.0000982 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31	mg/kg	1.462	45.308	mg/kg	0.00453 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		79	mg/kg	1.126	88.945	mg/kg	0.00889 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34	mg/kg	1.56	53.034	mg/kg	0.0034 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3	mg/kg	1.5	4.951	mg/kg	0.000495 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56	mg/kg	2.976	166.671	mg/kg	0.0167 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1	mg/kg	2.554	2.554	mg/kg	0.000255 %		
12		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		83	mg/kg	2.774	230.254	mg/kg	0.023 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		8.4	pH		8.4	pH	8.4 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0618 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP25

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP25
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3 mg/kg	1.142	3.427 mg/kg	0.000343 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		98 mg/kg	1.126	110.337 mg/kg	0.011 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	63 mg/kg	1.56	98.268 mg/kg	0.0063 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		8.1 mg/kg	1.5	12.152 mg/kg	0.00122 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		78 mg/kg	2.976	232.149 mg/kg	0.0232 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		120 mg/kg	2.774	332.898 mg/kg	0.0333 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.1 pH		8.1 pH	8.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0834 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP25[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP25[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		59 mg/kg	1.126	66.427 mg/kg	0.00664 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36 mg/kg	1.56	56.153 mg/kg	0.0036 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.1 mg/kg	1.5	10.651 mg/kg	0.00107 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		60 mg/kg	2.976	178.576 mg/kg	0.0179 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.87 mg/kg	2.554	2.222 mg/kg	0.000222 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		83 mg/kg	2.774	230.254 mg/kg	0.023 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0598 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH212

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH212	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		arsenic { arsenic trioxide }		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
		033-003-00-0 / 215-481-4 / 1327-53-3							
2		cadmium { cadmium oxide }		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
		048-002-00-0 / 215-146-2 / 1306-19-0							
3		copper { dicopper oxide; copper (I) oxide }		46 mg/kg	1.126	51.791 mg/kg	0.00518 %		
		029-002-00-X / 215-270-7 / 1317-39-1							
4		lead { lead chromate }	1	57 mg/kg	1.56	88.909 mg/kg	0.0057 %		
		082-004-00-2 / 231-846-0 / 7758-97-6							
5		mercury { mercury dichloride }		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
		080-010-00-X / 231-299-8 / 7487-94-7							
6		nickel { nickel chromate }		57 mg/kg	2.976	169.647 mg/kg	0.017 %		
		028-035-00-7 / 238-766-5 / 14721-18-7							
7		selenium { nickel selenate }		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
		028-031-00-5 / 239-125-2 / 15060-62-5							
8		zinc { zinc chromate }		123 mg/kg	2.774	341.22 mg/kg	0.0341 %		
		024-007-00-3 / 236-878-9 / 13530-65-9							
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7 / 200-024-3 / 50-29-3							
10		dieldrin (ISO)		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9 / 200-484-5 / 60-57-1							
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X / 200-775-7 / 72-20-8							
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2 / 200-962-3 / 76-44-8							
13		aldrin (ISO)		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3 / 206-215-8 / 309-00-2							
						Total:	0.0645 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP212

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP212
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15	mg/kg	1.32	19.805	mg/kg	0.00198 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3	mg/kg	1.142	3.427	mg/kg	0.000343 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		39	mg/kg	1.126	43.91	mg/kg	0.00439 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29	mg/kg	1.56	45.235	mg/kg	0.0029 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		63	mg/kg	2.976	187.505	mg/kg	0.0188 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100	mg/kg	2.774	277.415	mg/kg	0.0277 %		
9		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
10		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
11		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
											Total:	0.0563 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

1,1-dichloroethane and 1,2-dichloroethane (combined) (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2 H225 , Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 1B H350 , Aquatic Chronic 3 H412

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

7CWN7-7TCTP-OBZE7

Job name

Metrolink - Dublin Airport

Description/Comments

Project

Metrolink

Site

Dublin Airport

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 09:49 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:	-
Course	**Date**
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH10	29	Non Hazardous		3
2	ABH11	20	Non Hazardous		6
3	ABH12	0.2	Non Hazardous		8
4	ABH12[2]	1.7	Non Hazardous		11
5	ABH12[3]	2.7	Non Hazardous		14
6	ABH12[4]	16.3	Non Hazardous		16
7	ABH12[5]	23.5	Non Hazardous		18
8	ABH13	0.7	Non Hazardous		20
9	ABH13[2]	1.3	Non Hazardous		23
10	ABH13[3]	2.7	Non Hazardous		26
11	ABH13[4]	3.7	Non Hazardous		29
12	ABH13[5]	10	Non Hazardous		31
13	ABH13[6]	20	Non Hazardous		33
14	ABH14	0.3	Non Hazardous		35
15	ABH14a	0.7	Non Hazardous		38
16	ABH14a[2]	1.3	Non Hazardous		41
17	ATP26	0.3	Non Hazardous		44
18	ATP26[2]	1.7	Hazardous	HP 3(i), HP 7, HP 11	47
19	ATP27	0.3	Non Hazardous		50
20	ATP27[2]	0.7	Non Hazardous		53
21	ATP28	0.3	Non Hazardous		56
22	ATP28[2]	0.7	Non Hazardous		59
23	NBH60	0.5	Non Hazardous		62
24	NBH60[2]	1	Non Hazardous		65
25	BH35	0.5	Non Hazardous		68
26	BH35[2]	1.2	Non Hazardous		69
27	NBH61	1	Non Hazardous		70
28	NBH62	0.5	Non Hazardous		73

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 09:49 GMT

Classification of sample: ABH10

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH10
Sample Depth:
29 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.33 mg/kg	1.142	0.377 mg/kg	0.0000377 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.54 mg/kg	2.554	1.379 mg/kg	0.000138 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		170 mg/kg	2.774	471.605 mg/kg	0.0472 %		
13	TPH (C6 to C40) petroleum group			TPH		41.1 mg/kg		41.1 mg/kg	0.00411 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.5 pH		8.5 pH	8.5 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0762 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00411%)

Classification of sample: ABH11

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH11
Sample Depth:
20 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.7 mg/kg	1.197	4.429 mg/kg	0.000443 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.1 mg/kg	1.142	0.114 mg/kg	0.0000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			201-581-5	85-01-8									
22		anthracene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
			204-371-1	120-12-7									
23		fluoranthene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-912-4	206-44-0									
24		pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0386 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH12

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH12
Sample Depth:
0.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		2.1 mg/kg	1.462	3.069 mg/kg	0.000307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	7.4 mg/kg	1.56	11.543 mg/kg	0.00074 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		5.4 mg/kg	2.976	16.072 mg/kg	0.00161 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		16 mg/kg	2.774	44.386 mg/kg	0.00444 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.5 pH		9.5 pH	9.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.3	ng/kg		<3.0e-07	mg/kg	<3.0e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				1.88	ng/kg		1.88e-06	mg/kg	1.88e-10 %		
				35822-46-9									
45		OCDD				8.13	ng/kg		8.13e-06	mg/kg	8.13e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.39	ng/kg		1.39e-06	mg/kg	1.39e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				0.243	ng/kg		2.43e-07	mg/kg	2.43e-11 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				0.172	ng/kg		1.72e-07	mg/kg	1.72e-11 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		0.344	ng/kg		3.44e-07 mg/kg	3.44e-11 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.191	ng/kg		1.91e-07 mg/kg	1.91e-11 %		
54		OCDF		39001-02-0		2	ng/kg		2.0e-06 mg/kg	2.0e-10 %		
									Total:	0.0132 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH12[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH12[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.7 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.83 mg/kg	1.142	0.948 mg/kg	0.0000948 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.9 mg/kg	1.462	11.546 mg/kg	0.00115 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	72 mg/kg	1.56	112.307 mg/kg	0.0072 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15 mg/kg	2.976	44.644 mg/kg	0.00446 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				0.48	mg/kg		0.48	mg/kg	0.000048 %		
			201-469-6	83-32-9									
21		fluorene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			201-695-5	86-73-7									
22		phenanthrene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
			201-581-5	85-01-8									
23		anthracene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			204-371-1	120-12-7									
24		fluoranthene				7.6	mg/kg		7.6	mg/kg	0.00076 %		
			205-912-4	206-44-0									
25		pyrene				5.5	mg/kg		5.5	mg/kg	0.00055 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				3	mg/kg		3	mg/kg	0.0003 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				0.443	ng/kg		4.43e-07	mg/kg	4.43e-11 %		
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				1.98	ng/kg		1.98e-06	mg/kg	1.98e-10 %		
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				2.08	ng/kg		2.08e-06	mg/kg	2.08e-10 %		
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				4.59	ng/kg		4.59e-06	mg/kg	4.59e-10 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				151	ng/kg		0.0001	mg/kg	0.000000015 %		
				35822-46-9									
45		OCDD				636	ng/kg		0.0006	mg/kg	0.000000063 %		
				3268-87-9									
46		2,3,7,8-TeCDF				14.5	ng/kg		1.45e-05	mg/kg	0.000000001 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				4.9	ng/kg		4.9e-06	mg/kg	4.9e-10 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				6	ng/kg		6.0e-06	mg/kg	6.0e-10 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				7.38	ng/kg		7.38e-06	mg/kg	7.38e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				5.23	ng/kg		5.23e-06	mg/kg	5.23e-10 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				0.41	ng/kg		4.1e-07	mg/kg	4.1e-11 %		
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		5.65	ng/kg		5.65e-06 mg/kg	5.65e-10 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		2.87	ng/kg		2.87e-06 mg/kg	2.87e-10 %		
54		OCDF		39001-02-0		32.4	ng/kg		3.24e-05 mg/kg	0.000000003 %		
									Total:	0.054 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH12[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH12[3]
Sample Depth:
2.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		42 mg/kg	1.32	55.454 mg/kg	0.00555 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.11 mg/kg	1.142	0.126 mg/kg	0.0000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		<1 mg/kg	1.462	<1.462 mg/kg	<0.000146 %		<LOD
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		48 mg/kg	1.126	54.043 mg/kg	0.0054 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		3 mg/kg	2.976	8.929 mg/kg	0.000893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		45 mg/kg	2.774	124.837 mg/kg	0.0125 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0273 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH12[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH12[4]
Sample Depth:
16.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.15 mg/kg	1.142	0.171 mg/kg	0.0000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		1.5 mg/kg	1.462	2.192 mg/kg	0.000219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		6.3 mg/kg	1.126	7.093 mg/kg	0.000709 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	3.7 mg/kg	1.56	5.771 mg/kg	0.00037 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		3.1 mg/kg	2.976	9.226 mg/kg	0.000923 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		18 mg/kg	2.774	49.935 mg/kg	0.00499 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				0.031	mg/kg		0.031	mg/kg	0.0000031 %		
			204-371-1	120-12-7									
23		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0117 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH12[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH12[5]
Sample Depth:
23.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.3 mg/kg	1.197	3.95 mg/kg	0.000395 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		33 mg/kg	1.32	43.571 mg/kg	0.00436 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.36 mg/kg	1.142	0.411 mg/kg	0.0000411 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		2.8 mg/kg	1.462	4.092 mg/kg	0.000409 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12 mg/kg	1.126	13.511 mg/kg	0.00135 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	15 mg/kg	1.56	23.397 mg/kg	0.0015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		7.4 mg/kg	2.976	22.024 mg/kg	0.0022 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		81 mg/kg	2.774	224.706 mg/kg	0.0225 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		0.016 mg/kg		0.016 mg/kg	0.0000016 %		
19	acenaphthene		201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0333 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH13

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH13
Sample Depth:
0.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		33 mg/kg	1.32	43.571 mg/kg	0.00436 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		39 mg/kg	1.126	43.91 mg/kg	0.00439 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	270 mg/kg	1.56	421.15 mg/kg	0.027 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.28 mg/kg	1.353	0.379 mg/kg	0.0000379 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		150 mg/kg	2.774	416.122 mg/kg	0.0416 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.9 pH		9.9 pH	9.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		0.032 mg/kg		0.032 mg/kg	0.0000032 %		
19	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			201-581-5	85-01-8									
23		anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			204-371-1	120-12-7									
24		fluoranthene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
			205-912-4	206-44-0									
25		pyrene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.068	mg/kg		0.068	mg/kg	0.0000068 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.42	ng/kg		<4.2e-07	mg/kg	<4.2e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.28	ng/kg		<2.8e-07	mg/kg	<2.8e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				0.541	ng/kg		5.41e-07	mg/kg	5.41e-11 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				6.79	ng/kg		6.79e-06	mg/kg	6.79e-10 %		
				35822-46-9									
45		OCDD				30.7	ng/kg		3.07e-05	mg/kg	0.000000003 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.47	ng/kg		1.47e-06	mg/kg	1.47e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				0.908	ng/kg		9.08e-07	mg/kg	9.08e-11 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				1.03	ng/kg		1.03e-06	mg/kg	1.03e-10 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				1.12	ng/kg		1.12e-06	mg/kg	1.12e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				1.47	ng/kg		1.47e-06	mg/kg	1.47e-10 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.3	ng/kg		<3.0e-07	mg/kg	<3.0e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		1.39	ng/kg		1.39e-06 mg/kg	1.39e-10 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<1.65	ng/kg		<1.65e-06 mg/kg	<1.65e-10 %		**<LOD**
54		OCDF		39001-02-0		9.19	ng/kg		9.19e-06 mg/kg	9.19e-10 %		
									Total:	0.0927 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH13[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH13[2]
Sample Depth:
1.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	60 mg/kg	1.56	93.589 mg/kg	0.006 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7 mg/kg	1.5	7.051 mg/kg	0.000705 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		86 mg/kg	2.774	238.577 mg/kg	0.0239 %		
13	TPH (C6 to C40) petroleum group			TPH		94.2 mg/kg		94.2 mg/kg	0.00942 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		0.0024 mg/kg		0.0024 mg/kg	0.00000024 %		
16	toluene	601-021-00-3	203-625-9	108-88-3		0.0016 mg/kg		0.0016 mg/kg	0.00000016 %		
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.0013 mg/kg		0.0013 mg/kg	0.00000013 %		
18	pH			PH		8.6 pH		8.6 pH	8.6 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-912-4	206-44-0									
26		pyrene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.062	mg/kg		0.062	mg/kg	0.0000062 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.099	mg/kg		0.099	mg/kg	0.0000099 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.26	ng/kg		<2.6e-07	mg/kg	<2.6e-11 %		<LOD
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				<0.24	ng/kg		<2.4e-07	mg/kg	<2.4e-11 %		<LOD
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				<0.3	ng/kg		<3.0e-07	mg/kg	<3.0e-11 %		<LOD
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				0.376	ng/kg		3.76e-07	mg/kg	3.76e-11 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				3.55	ng/kg		3.55e-06	mg/kg	3.55e-10 %		
				35822-46-9									
46		OCDD				13.5	ng/kg		1.35e-05	mg/kg	0.000000001 %		
				3268-87-9									
47		2,3,7,8-TeCDF				1.96	ng/kg		1.96e-06	mg/kg	1.96e-10 %		
				51207-31-9									
48		1,2,3,7,8-PeCDF				<0.28	ng/kg		<2.8e-07	mg/kg	<2.8e-11 %		<LOD
				57117-41-6									
49		2,3,4,7,8-PeCDF				0.705	ng/kg		7.05e-07	mg/kg	7.05e-11 %		
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				0.7	ng/kg		7.0e-07	mg/kg	7.0e-11 %		
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				0.77	ng/kg		7.7e-07	mg/kg	7.7e-11 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		0.555	ng/kg		5.55e-07	mg/kg	5.55e-11 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.817	ng/kg		8.17e-07	mg/kg	8.17e-11 %		
55		OCDF		39001-02-0		8.35	ng/kg		8.35e-06	mg/kg	8.35e-10 %		
										Total:	0.0665 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 2.4e-07%)
toluene: (conc.: 1.6e-07%)
ethylbenzene: (conc.: 1.3e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00942%)

Classification of sample: ABH13[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH13[3]
Sample Depth:
2.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29 mg/kg	1.32	38.289 mg/kg	0.00383 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	59 mg/kg	1.56	92.029 mg/kg	0.0059 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.49 mg/kg	2.554	1.251 mg/kg	0.000125 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		200 mg/kg	2.774	554.829 mg/kg	0.0555 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			201-581-5	85-01-8									
23		anthracene				0.062	mg/kg		0.062	mg/kg	0.0000062 %		
			204-371-1	120-12-7									
24		fluoranthene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			205-912-4	206-44-0									
25		pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.062	mg/kg		0.062	mg/kg	0.0000062 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.074	mg/kg		0.074	mg/kg	0.0000074 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.26	ng/kg		<2.6e-07	mg/kg	<2.6e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				2.84	ng/kg		2.84e-06	mg/kg	2.84e-10 %		
				35822-46-9									
45		OCDD				10.6	ng/kg		1.06e-05	mg/kg	0.000000001 %		
				3268-87-9									
46		2,3,7,8-TeCDF				0.865	ng/kg		8.65e-07	mg/kg	8.65e-11 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.24	ng/kg		<2.4e-07	mg/kg	<2.4e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				0.415	ng/kg		4.15e-07	mg/kg	4.15e-11 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				0.453	ng/kg		4.53e-07	mg/kg	4.53e-11 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				0.483	ng/kg		4.83e-07	mg/kg	4.83e-11 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.24	ng/kg		<2.4e-07	mg/kg	<2.4e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		0.62	ng/kg		6.2e-07	mg/kg	6.2e-11 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.441	ng/kg		4.41e-07	mg/kg	4.41e-11 %		
54		OCDF		39001-02-0		3.4	ng/kg		3.4e-06	mg/kg	3.4e-10 %		
										Total:	0.0822 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH13[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH13[4]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3.7 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		12 mg/kg	1.197	14.365 mg/kg	0.00144 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		72 mg/kg	1.32	95.063 mg/kg	0.00951 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.11 mg/kg	1.142	0.126 mg/kg	0.0000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		1.4 mg/kg	1.462	2.046 mg/kg	0.000205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	8.5 mg/kg	1.56	13.258 mg/kg	0.00085 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		24 mg/kg	2.976	71.43 mg/kg	0.00714 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		23 mg/kg	2.774	63.805 mg/kg	0.00638 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0295 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH13[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH13[5]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
10 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.6 mg/kg	1.197	7.901 mg/kg	0.00079 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		50 mg/kg	1.32	66.016 mg/kg	0.0066 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.24 mg/kg	1.142	0.274 mg/kg	0.0000274 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		2 mg/kg	1.462	2.923 mg/kg	0.000292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11 mg/kg	1.56	17.158 mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19 mg/kg	2.976	56.549 mg/kg	0.00565 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		53 mg/kg	2.774	147.03 mg/kg	0.0147 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		0.0031 mg/kg		0.0031 mg/kg	0.00000031 %		
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				0.059	mg/kg		0.059	mg/kg	0.0000059 %		
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0316 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

benzene: (conc.: 3.1e-07%)

Classification of sample: ABH13[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH13[6]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
20 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		77 mg/kg	1.32	101.665 mg/kg	0.0102 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.4 mg/kg	1.142	0.457 mg/kg	0.0000457 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		1.7 mg/kg	1.462	2.485 mg/kg	0.000248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	15 mg/kg	1.56	23.397 mg/kg	0.0015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		4.9 mg/kg	2.976	14.584 mg/kg	0.00146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0383 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH14

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH14

Sample Depth:
0.3 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4 mg/kg	1.197	4.788 mg/kg	0.000479 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		46 mg/kg	1.32	60.735 mg/kg	0.00607 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	230 mg/kg	1.56	358.757 mg/kg	0.023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19 mg/kg	2.976	56.549 mg/kg	0.00565 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		240 mg/kg	2.774	665.795 mg/kg	0.0666 %		
13	TPH (C6 to C40) petroleum group			TPH		228 mg/kg		228 mg/kg	0.0228 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.9 pH		8.9 pH	8.9 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.33	ng/kg		<3.3e-07	mg/kg	<3.3e-11 %		<LOD
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				5.15	ng/kg		5.15e-06	mg/kg	5.15e-10 %		
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				7.17	ng/kg		7.17e-06	mg/kg	7.17e-10 %		
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				10.9	ng/kg		1.09e-05	mg/kg	0.000000001 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				502	ng/kg		0.0005	mg/kg	0.00000005 %		
				35822-46-9									
46		OCDD				5270	ng/kg		0.0052	mg/kg	0.000000527 %		
				3268-87-9									
47		2,3,7,8-TeCDF				<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<LOD
				51207-31-9									
48		1,2,3,7,8-PeCDF				0.244	ng/kg		2.44e-07	mg/kg	2.44e-11 %		
				57117-41-6									
49		2,3,4,7,8-PeCDF				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				0.352	ng/kg		3.52e-07	mg/kg	3.52e-11 %		
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				0.272	ng/kg		2.72e-07	mg/kg	2.72e-11 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		1,2,3,7,8,9-HxCDF		72918-21-9		2.78	ng/kg		2.78e-06 mg/kg	2.78e-10 %		
53		2,3,4,6,7,8-HxCDF		60851-34-5		1.43	ng/kg		1.43e-06 mg/kg	1.43e-10 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		3.22	ng/kg		3.22e-06 mg/kg	3.22e-10 %		
55		OCDF		39001-02-0		20.2	ng/kg		2.02e-05 mg/kg	0.000000002 %		
									Total:	0.13 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0228%)

Classification of sample: ABH14a

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH14a
Sample Depth:
0.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4 mg/kg	1.197	4.07 mg/kg	0.000407 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	66 mg/kg	1.56	102.948 mg/kg	0.0066 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.75 mg/kg	2.554	1.915 mg/kg	0.000192 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		280 mg/kg	2.774	776.761 mg/kg	0.0777 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.097	mg/kg		0.097	mg/kg	0.0000097 %		
			201-581-5	85-01-8									
23		anthracene				0.073	mg/kg		0.073	mg/kg	0.0000073 %		
			204-371-1	120-12-7									
24		fluoranthene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			205-912-4	206-44-0									
25		pyrene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.074	mg/kg		0.074	mg/kg	0.0000074 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.39	ng/kg		<3.9e-07	mg/kg	<3.9e-11 %		<**LOD**
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				0.581	ng/kg		5.81e-07	mg/kg	5.81e-11 %		
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				0.976	ng/kg		9.76e-07	mg/kg	9.76e-11 %		
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				1.66	ng/kg		1.66e-06	mg/kg	1.66e-10 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				12.9	ng/kg		1.29e-05	mg/kg	0.000000001 %		
				35822-46-9									
45		OCDD				319	ng/kg		0.0003	mg/kg	0.000000031 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.4	ng/kg		1.4e-06	mg/kg	1.4e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				0.452	ng/kg		4.52e-07	mg/kg	4.52e-11 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				0.487	ng/kg		4.87e-07	mg/kg	4.87e-11 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				1.49	ng/kg		1.49e-06	mg/kg	1.49e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				1.19	ng/kg		1.19e-06	mg/kg	1.19e-10 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				0.985	ng/kg		9.85e-07	mg/kg	9.85e-11 %		
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		1.35	ng/kg		1.35e-06 mg/kg	1.35e-10 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		1.24	ng/kg		1.24e-06 mg/kg	1.24e-10 %		
54		OCDF		39001-02-0		7.8	ng/kg		7.8e-06 mg/kg	7.8e-10 %		
									Total:	0.105 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH14a[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH14a[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.3 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		7.4 mg/kg	1.197	8.859 mg/kg	0.000886 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	64 mg/kg	1.56	99.828 mg/kg	0.0064 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.34 mg/kg	2.554	0.868 mg/kg	0.0000868 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		150 mg/kg	2.774	416.122 mg/kg	0.0416 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			201-581-5	85-01-8									
23		anthracene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			204-371-1	120-12-7									
24		fluoranthene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			205-912-4	206-44-0									
25		pyrene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.3	ng/kg		<3.0e-07	mg/kg	<3.0e-11 %		<**LOD**
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				0.561	ng/kg		5.61e-07	mg/kg	5.61e-11 %		
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				0.577	ng/kg		5.77e-07	mg/kg	5.77e-11 %		
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				1.21	ng/kg		1.21e-06	mg/kg	1.21e-10 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				12.1	ng/kg		1.21e-05	mg/kg	0.000000001 %		
				35822-46-9									
45		OCDD				71.9	ng/kg		7.19e-05	mg/kg	0.000000007 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.06	ng/kg		1.06e-06	mg/kg	1.06e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				0.935	ng/kg		9.35e-07	mg/kg	9.35e-11 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				1.29	ng/kg		1.29e-06	mg/kg	1.29e-10 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				1.37	ng/kg		1.37e-06	mg/kg	1.37e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				1.38	ng/kg		1.38e-06	mg/kg	1.38e-10 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				0.347	ng/kg		3.47e-07	mg/kg	3.47e-11 %		
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		2.11	ng/kg		2.11e-06 mg/kg	2.11e-10 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.873	ng/kg		8.73e-07 mg/kg	8.73e-11 %		
54		OCDF		39001-02-0		19	ng/kg		1.9e-05 mg/kg	0.000000001 %		
									Total:	0.0723 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP26

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP26
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.67 mg/kg	1.142	0.765 mg/kg	0.0000765 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		66 mg/kg	1.462	96.463 mg/kg	0.00965 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		56 mg/kg	1.126	63.05 mg/kg	0.0063 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.26 mg/kg	2.554	0.664 mg/kg	0.0000664 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		87 mg/kg	2.774	241.351 mg/kg	0.0241 %		
13	TPH (C6 to C40) petroleum group			TPH		405 mg/kg		405 mg/kg	0.0405 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		9.2 pH		9.2 pH	9.2 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		0.028 mg/kg		0.028 mg/kg	0.0000028 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				0.026	mg/kg		0.026	mg/kg	0.0000026 %		
			205-917-1	208-96-8									
21		acenaphthene				0.045	mg/kg		0.045	mg/kg	0.0000045 %		
			201-469-6	83-32-9									
22		fluorene				0.049	mg/kg		0.049	mg/kg	0.0000049 %		
			201-695-5	86-73-7									
23		phenanthrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			201-581-5	85-01-8									
24		anthracene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-371-1	120-12-7									
25		fluoranthene				1	mg/kg		1	mg/kg	0.0001 %		
			205-912-4	206-44-0									
26		pyrene				0.89	mg/kg		0.89	mg/kg	0.000089 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.85	mg/kg		0.85	mg/kg	0.000085 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.086	mg/kg		0.086	mg/kg	0.0000086 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		**<LOD**
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		**<LOD**
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				0.236	ng/kg		2.36e-07	mg/kg	2.36e-11 %		
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				0.217	ng/kg		2.17e-07	mg/kg	2.17e-11 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				3.72	ng/kg		3.72e-06	mg/kg	3.72e-10 %		
				35822-46-9									
46		OCDD				20	ng/kg		2.0e-05	mg/kg	0.000000002 %		
				3268-87-9									
47		2,3,7,8-TeCDF				1.37	ng/kg		1.37e-06	mg/kg	1.37e-10 %		
				51207-31-9									
48		1,2,3,7,8-PeCDF				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		**<LOD**
				57117-41-6									
49		2,3,4,7,8-PeCDF				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		**<LOD**
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				0.375	ng/kg		3.75e-07	mg/kg	3.75e-11 %		
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				0.249	ng/kg		2.49e-07	mg/kg	2.49e-11 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		0.159	ng/kg		1.59e-07	mg/kg	1.59e-11 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.402	ng/kg		4.02e-07	mg/kg	4.02e-11 %		
55		OCDF		39001-02-0		3.57	ng/kg		3.57e-06	mg/kg	3.57e-10 %		
										Total:	0.102 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0405%)

Classification of sample: ATP26[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP26[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.7 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.449%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.449%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.449%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36 mg/kg	1.462	52.616 mg/kg	0.00526 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
7	lead { lead chromate }	1	58 mg/kg	1.56	90.469 mg/kg	0.0058 %		
	082-004-00-2 / 231-846-0 / 7758-97-6							
8	mercury { mercury dichloride }		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
	080-010-00-X / 231-299-8 / 7487-94-7							
9	molybdenum { molybdenum(VI) oxide }		2.6 mg/kg	1.5	3.9 mg/kg	0.00039 %		
	042-001-00-9 / 215-204-7 / 1313-27-5							
10	nickel { nickel chromate }		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
	028-035-00-7 / 238-766-5 / 14721-18-7							
11	selenium { nickel selenate }		0.73 mg/kg	2.554	1.864 mg/kg	0.000186 %		
	028-031-00-5 / 239-125-2 / 15060-62-5							
12	zinc { zinc chromate }		130 mg/kg	2.774	360.639 mg/kg	0.0361 %		
	024-007-00-3 / 236-878-9 / 13530-65-9							
13	TPH (C6 to C40) petroleum group		4486 mg/kg		4486 mg/kg	0.449 %		
	/ / TPH							
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X / 216-653-1 / 1634-04-4							
15	benzene		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8 / 200-753-7 / 71-43-2							
16	toluene		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3 / 203-625-9 / 108-88-3							
17	ethylbenzene		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4 / 202-849-4 / 100-41-4							
18	pH		8.6 pH		8.6 pH	8.6 pH		
	/ / PH							
19	naphthalene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-052-00-2 / 202-049-5 / 91-20-3							
20	acenaphthylene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	/ 205-917-1 / 208-96-8							
21	acenaphthene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	/ 201-469-6 / 83-32-9							
22	fluorene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	/ 201-695-5 / 86-73-7							
23	phenanthrene		0.48 mg/kg		0.48 mg/kg	0.000048 %		
	/ 201-581-5 / 85-01-8							
24	anthracene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	/ 204-371-1 / 120-12-7							
25	fluoranthene		0.32 mg/kg		0.32 mg/kg	0.000032 %		
	/ 205-912-4 / 206-44-0							
26	pyrene		0.27 mg/kg		0.27 mg/kg	0.000027 %		
	/ 204-927-3 / 129-00-0							
27	benzo[a]anthracene		0.15 mg/kg		0.15 mg/kg	0.000015 %		
	601-033-00-9 / 200-280-6 / 56-55-3							
28	chrysene		0.11 mg/kg		0.11 mg/kg	0.000011 %		
	601-048-00-0 / 205-923-4 / 218-01-9							
29	benzo[b]fluoranthene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-034-00-4 / 205-911-9 / 205-99-2							
30	benzo[k]fluoranthene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-036-00-5 / 205-916-6 / 207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-032-00-3 / 200-028-5 / 50-32-8							
32	indeno[123-cd]pyrene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	/ 205-893-2 / 193-39-5							
33	dibenz[a,h]anthracene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-041-00-2 / 200-181-8 / 53-70-3							
34	benzo[ghi]perylene		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	/ 205-883-8 / 191-24-2							
35	phenol		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	604-001-00-2 / 203-632-7 / 108-95-2							
36	tetrachloroethylene		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4 / 204-825-9 / 127-18-4							
37	carbon tetrachloride; tetrachloromethane		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5 / 200-262-8 / 56-23-5							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.45	ng/kg		<4.5e-07	mg/kg	<4.5e-11 %		<**LOD**
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				<0.27	ng/kg		<2.7e-07	mg/kg	<2.7e-11 %		<**LOD**
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				<0.46	ng/kg		<4.6e-07	mg/kg	<4.6e-11 %		<**LOD**
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				<0.48	ng/kg		<4.8e-07	mg/kg	<4.8e-11 %		<**LOD**
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				3.22	ng/kg		3.22e-06	mg/kg	3.22e-10 %		
				35822-46-9									
46		OCDD				12.7	ng/kg		1.27e-05	mg/kg	0.000000001 %		
				3268-87-9									
47		2,3,7,8-TeCDF				0.611	ng/kg		6.11e-07	mg/kg	6.11e-11 %		
				51207-31-9									
48		1,2,3,7,8-PeCDF				<0.35	ng/kg		<3.5e-07	mg/kg	<3.5e-11 %		<**LOD**
				57117-41-6									
49		2,3,4,7,8-PeCDF				0.762	ng/kg		7.62e-07	mg/kg	7.62e-11 %		
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				0.745	ng/kg		7.45e-07	mg/kg	7.45e-11 %		
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				0.587	ng/kg		5.87e-07	mg/kg	5.87e-11 %		
				57117-44-9									
52		1,2,3,7,8,9-HxCDF				<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<**LOD**
				72918-21-9									
53		2,3,4,6,7,8-HxCDF				0.677	ng/kg		6.77e-07	mg/kg	6.77e-11 %		
				60851-34-5									
54		1,2,3,4,7,8,9-HpCDF				0.616	ng/kg		6.16e-07	mg/kg	6.16e-11 %		
				55673-89-7									
55		OCDF				7.18	ng/kg		7.18e-06	mg/kg	7.18e-10 %		
				39001-02-0									
										Total:	0.512 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP27

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP27
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.8 mg/kg	1.142	3.199 mg/kg	0.00032 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		27 mg/kg	2.976	80.359 mg/kg	0.00804 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		49 mg/kg	2.774	135.933 mg/kg	0.0136 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		0.056 mg/kg		0.056 mg/kg	0.0000056 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				0.056	mg/kg		0.056	mg/kg	0.0000056 %		
			201-469-6	83-32-9									
21		fluorene				0.067	mg/kg		0.067	mg/kg	0.0000067 %		
			201-695-5	86-73-7									
22		phenanthrene				0.66	mg/kg		0.66	mg/kg	0.000066 %		
			201-581-5	85-01-8									
23		anthracene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
			204-371-1	120-12-7									
24		fluoranthene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			205-912-4	206-44-0									
25		pyrene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.73	mg/kg		0.73	mg/kg	0.000073 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.68	mg/kg		0.68	mg/kg	0.000068 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.8	mg/kg		0.8	mg/kg	0.00008 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.25	ng/kg		<2.5e-07	mg/kg	<2.5e-11 %		<**LOD**
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				0.672	ng/kg		6.72e-07	mg/kg	6.72e-11 %		
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				1.87	ng/kg		1.87e-06	mg/kg	1.87e-10 %		
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				3.83	ng/kg		3.83e-06	mg/kg	3.83e-10 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				563	ng/kg		0.0005	mg/kg	0.000000056 %		
				35822-46-9									
45		OCDD				6860	ng/kg		0.0068	mg/kg	0.000000686 %		
				3268-87-9									
46		2,3,7,8-TeCDF				2.73	ng/kg		2.73e-06	mg/kg	2.73e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				0.732	ng/kg		7.32e-07	mg/kg	7.32e-11 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				0.611	ng/kg		6.11e-07	mg/kg	6.11e-11 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				1.61	ng/kg		1.61e-06	mg/kg	1.61e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				0.785	ng/kg		7.85e-07	mg/kg	7.85e-11 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.27	ng/kg		<2.7e-07	mg/kg	<2.7e-11 %		<**LOD**
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		3.67	ng/kg		3.67e-06	mg/kg	3.67e-10 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		9.67	ng/kg		9.67e-06	mg/kg	9.67e-10 %		
54		OCDF		39001-02-0		557	ng/kg		0.0005	mg/kg	0.000000055 %		
										Total:	0.035 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP27[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP27[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.7 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38 mg/kg	1.462	55.539 mg/kg	0.00555 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		160 mg/kg	2.774	443.863 mg/kg	0.0444 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
23		anthracene	204-371-1	120-12-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
24		fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
26		benzo[a]anthracene	200-280-6	56-55-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9											
27		chrysene	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0											
28		benzo[b]fluoranthene	205-911-9	205-99-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4											
29		benzo[k]fluoranthene	205-916-6	207-08-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5											
30		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3											
31		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2											
33		benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
34		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
35		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
36		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
37		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
38		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
39		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6											
40		2,3,7,8-TeCDD	217-122-7	1746-01-6		<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
41		1,2,3,7,8-PeCDD		40321-76-4		<0.27	ng/kg		<2.7e-07	mg/kg	<2.7e-11 %		<LOD
42		1,2,3,4,7,8-HxCDD		39227-28-6		0.153	ng/kg		1.53e-07	mg/kg	1.53e-11 %		
43		1,2,3,7,8,9-HxCDD		19408-74-3		0.369	ng/kg		3.69e-07	mg/kg	3.69e-11 %		
44		1,2,3,4,6,7,8-HpCDD		35822-46-9		5.79	ng/kg		5.79e-06	mg/kg	5.79e-10 %		
45		OCDD		3268-87-9		55.4	ng/kg		5.54e-05	mg/kg	0.000000005 %		
46		2,3,7,8-TeCDF		51207-31-9		5.06	ng/kg		5.06e-06	mg/kg	5.06e-10 %		
47		1,2,3,7,8-PeCDF		57117-41-6		0.286	ng/kg		2.86e-07	mg/kg	2.86e-11 %		
48		2,3,4,7,8-PeCDF		57117-31-4		<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
49		1,2,3,4,7,8-HxCDF		70648-26-9		0.309	ng/kg		3.09e-07	mg/kg	3.09e-11 %		
50		1,2,3,6,7,8-HxCDF		57117-44-9		0.24	ng/kg		2.4e-07	mg/kg	2.4e-11 %		
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		0.285	ng/kg		2.85e-07 mg/kg	2.85e-11 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.188	ng/kg		1.88e-07 mg/kg	1.88e-11 %		
54		OCDF		39001-02-0		3.99	ng/kg		3.99e-06 mg/kg	3.99e-10 %		
									Total:	0.0762 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP28

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP28
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.1 mg/kg	1.5	4.651 mg/kg	0.000465 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.66 mg/kg	2.554	1.686 mg/kg	0.000169 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		52 mg/kg	2.774	144.256 mg/kg	0.0144 %		
13	TPH (C6 to C40) petroleum group			TPH		832 mg/kg		832 mg/kg	0.0832 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		9.1 pH		9.1 pH	9.1 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.27	ng/kg		<2.7e-07	mg/kg	<2.7e-11 %		<LOD
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				<0.25	ng/kg		<2.5e-07	mg/kg	<2.5e-11 %		<LOD
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<LOD
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				0.172	ng/kg		1.72e-07	mg/kg	1.72e-11 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				6.3	ng/kg		6.3e-06	mg/kg	6.3e-10 %		
				35822-46-9									
46		OCDD				57.3	ng/kg		5.73e-05	mg/kg	0.000000005 %		
				3268-87-9									
47		2,3,7,8-TeCDF				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<LOD
				51207-31-9									
48		1,2,3,7,8-PeCDF				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
				57117-41-6									
49		2,3,4,7,8-PeCDF				<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<LOD
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				0.107	ng/kg		1.07e-07	mg/kg	1.07e-11 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		0.111	ng/kg		1.11e-07	mg/kg	1.11e-11 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<**LOD**
55		OCDF		39001-02-0		1.45	ng/kg		1.45e-06	mg/kg	1.45e-10 %		
										Total:	0.119 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0832%)

Classification of sample: ATP28[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP28[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.7 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		32 mg/kg	1.32	42.25 mg/kg	0.00423 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		4.6 mg/kg	1.142	5.255 mg/kg	0.000525 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		140 mg/kg	1.126	157.624 mg/kg	0.0158 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	35 mg/kg	1.56	54.594 mg/kg	0.0035 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.34 mg/kg	2.554	0.868 mg/kg	0.0000868 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130 mg/kg	2.774	360.639 mg/kg	0.0361 %		
13	TPH (C6 to C40) petroleum group			TPH		240.8 mg/kg		240.8 mg/kg	0.0241 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	pH			PH		9.2 pH		9.2 pH	9.2 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				0.074	mg/kg		0.074	mg/kg	0.0000074 %		
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				0.076	mg/kg		0.076	mg/kg	0.0000076 %		
			205-912-4	206-44-0									
26		pyrene				0.093	mg/kg		0.093	mg/kg	0.0000093 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.067	mg/kg		0.067	mg/kg	0.0000067 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				0.657	ng/kg		6.57e-07	mg/kg	6.57e-11 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				14.9	ng/kg		1.49e-05	mg/kg	0.000000001 %		
				35822-46-9									
46		OCDD				117	ng/kg		0.0001	mg/kg	0.000000011 %		
				3268-87-9									
47		2,3,7,8-TeCDF				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				51207-31-9									
48		1,2,3,7,8-PeCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				57117-41-6									
49		2,3,4,7,8-PeCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<**LOD**
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.254	ng/kg		2.54e-07	mg/kg	2.54e-11 %		
55		OCDF		39001-02-0		3.48	ng/kg		3.48e-06	mg/kg	3.48e-10 %		
										Total:	0.0968 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0241%)

Classification of sample: NBH60

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH60
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.9 mg/kg	1.197	3.472 mg/kg	0.000347 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		51 mg/kg	1.126	57.42 mg/kg	0.00574 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	160 mg/kg	1.56	249.57 mg/kg	0.016 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.22 mg/kg	1.353	0.298 mg/kg	0.0000298 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.6 mg/kg	1.5	3.9 mg/kg	0.00039 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.62 mg/kg	2.554	1.583 mg/kg	0.000158 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		200 mg/kg	2.774	554.829 mg/kg	0.0555 %		
11	TPH (C6 to C40) petroleum group			TPH		415.9 mg/kg		415.9 mg/kg	0.0416 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				11	mg/kg		11	mg/kg	0.0011 %		
			205-912-4	206-44-0									
25		pyrene				10	mg/kg		10	mg/kg	0.001 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				9.8	mg/kg		9.8	mg/kg	0.00098 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				8.5	mg/kg		8.5	mg/kg	0.00085 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				11	mg/kg		11	mg/kg	0.0011 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				8	mg/kg		8	mg/kg	0.0008 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.142 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0416%)

Classification of sample: NBH60[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH60[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.3 mg/kg	1.197	3.95 mg/kg	0.000395 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		4.2 mg/kg	1.142	4.798 mg/kg	0.00048 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36 mg/kg	1.56	56.153 mg/kg	0.0036 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.17 mg/kg	1.353	0.23 mg/kg	0.000023 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.5 mg/kg	1.5	5.251 mg/kg	0.000525 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		110 mg/kg	2.976	327.389 mg/kg	0.0327 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		150 mg/kg	2.774	416.122 mg/kg	0.0416 %		
11	TPH (C6 to C40) petroleum group			TPH		159.6 mg/kg		159.6 mg/kg	0.016 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		7.9 pH		7.9 pH	7.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				1	mg/kg		1	mg/kg	0.0001 %		
			205-912-4	206-44-0									
25		pyrene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.99	mg/kg		0.99	mg/kg	0.000099 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.78	mg/kg		0.78	mg/kg	0.000078 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.79	mg/kg		0.79	mg/kg	0.000079 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.104 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.016%)

Classification of sample: BH35

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH35
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		6	mg/kg	1.32	7.922	mg/kg	0.000792 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<**LOD**
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16	mg/kg	1.126	18.014	mg/kg	0.0018 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21	mg/kg	1.56	32.756	mg/kg	0.0021 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19	mg/kg	2.976	56.549	mg/kg	0.00565 %		
7		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		49	mg/kg	2.774	135.933	mg/kg	0.0136 %		
8		pH			PH		8.17	pH		8.17	pH	8.17 pH		
9		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
											Total:	0.024 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH35[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH35[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5	mg/kg	1.32	6.602	mg/kg	0.00066 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<**LOD**
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15	mg/kg	1.126	16.888	mg/kg	0.00169 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12	mg/kg	1.56	18.718	mg/kg	0.0012 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19	mg/kg	2.976	56.549	mg/kg	0.00565 %		
7		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		52	mg/kg	2.774	144.256	mg/kg	0.0144 %		
8		pH			PH		8.6	pH		8.6	pH	8.6 pH		
9		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
											Total:	0.0237 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH61

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH61
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	49 mg/kg	1.56	76.431 mg/kg	0.0049 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.18 mg/kg	1.353	0.244 mg/kg	0.0000244 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7 mg/kg	1.5	5.551 mg/kg	0.000555 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.61 mg/kg	2.554	1.558 mg/kg	0.000156 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		85 mg/kg	2.774	235.802 mg/kg	0.0236 %		
11	TPH (C6 to C40) petroleum group			TPH		148.9 mg/kg		148.9 mg/kg	0.0149 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
			204-371-1	120-12-7									
24		fluoranthene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
			205-912-4	206-44-0									
25		pyrene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				1.89	mg/kg		1.89	mg/kg	0.000189 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.066 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0149%)

Classification of sample: NBH62

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH62	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.856 mg/kg	0.000286 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<	1.353	<	<		**ND**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.9 mg/kg	1.5	7.351 mg/kg	0.000735 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.51 mg/kg	2.554	1.302 mg/kg	0.00013 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		**<LOD**
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		**<LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		**<LOD**
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0468 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **2,3,7,8-TeCDD** (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

- **1,2,3,7,8-PeCDD** (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

- **1,2,3,4,7,8-HxCDD** (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8,9-HxCDD** (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,4,6,7,8-HpCDD** (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

- **OCDD** (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

- **2,3,7,8-TeCDF** (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8-PeCDF** (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

- **2,3,4,7,8-PeCDF** (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

1,2,3,4,7,8-HxCDF (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,6,7,8-HxCDF (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDF (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

2,3,4,6,7,8-HxCDF (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,7,8,9-HpCDF (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDF (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

6QUXP-LLBO3-OLE85

Job name

Metrolink - South Portal

Description/Comments

Project

Metrolink

Site

South Portal

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 12:30 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH17	0.4	Non Hazardous		2
2	ABH17[2]	1	Non Hazardous		5
3	ABH17[3]	1.2	Non Hazardous		8
4	ABH17[4]	10	Non Hazardous		11
5	ABH17[5]	22.1	Non Hazardous		13
6	BH32	1.2	Non Hazardous		15
7	NBH05	0.5	Non Hazardous		16
8	NBH06	0.5	Non Hazardous		18
9	NBH07	0.5	Non Hazardous		20

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 12:30 GMT

Classification of sample: ABH17

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH17
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.591 mg/kg	0.000359 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	40 mg/kg	1.56	62.393 mg/kg	0.004 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.18 mg/kg	1.353	0.244 mg/kg	0.0000244 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.46 mg/kg	2.554	1.175 mg/kg	0.000117 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0537 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH17[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH17[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		48 mg/kg	1.126	54.043 mg/kg	0.0054 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	85 mg/kg	1.56	132.584 mg/kg	0.0085 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.57 mg/kg	1.353	0.771 mg/kg	0.0000771 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3 mg/kg	1.5	4.501 mg/kg	0.00045 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.66 mg/kg	2.554	1.686 mg/kg	0.000169 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100 mg/kg	2.774	277.415 mg/kg	0.0277 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			201-581-5	85-01-8									
23		anthracene				0.072	mg/kg		0.072	mg/kg	0.0000072 %		
			204-371-1	120-12-7									
24		fluoranthene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			205-912-4	206-44-0									
25		pyrene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0612 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH17[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH17[3]
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		55 mg/kg	1.126	61.924 mg/kg	0.00619 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	40 mg/kg	1.56	62.393 mg/kg	0.004 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.17 mg/kg	1.353	0.23 mg/kg	0.000023 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7 mg/kg	1.5	7.051 mg/kg	0.000705 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.68 mg/kg	2.554	1.737 mg/kg	0.000174 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0549 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH17[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH17[4]
Sample Depth:
10 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.6 mg/kg	2.554	4.086 mg/kg	0.000409 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		56 mg/kg	2.774	155.352 mg/kg	0.0155 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
			201-581-5	85-01-8									
23		anthracene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			204-371-1	120-12-7									
24		fluoranthene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			205-912-4	206-44-0									
25		pyrene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0416 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH17[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH17[5]
Sample Depth:
22.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.99 mg/kg	1.142	1.131 mg/kg	0.000113 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15 mg/kg	1.126	16.888 mg/kg	0.00169 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17 mg/kg	2.976	50.597 mg/kg	0.00506 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2 mg/kg	2.554	5.108 mg/kg	0.000511 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		32 mg/kg	2.774	88.773 mg/kg	0.00888 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0247 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH32

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH32	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		6	mg/kg	1.32	7.922	mg/kg	0.000792 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<**LOD**
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	46	mg/kg	1.56	71.751	mg/kg	0.0046 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23	mg/kg	2.976	68.454	mg/kg	0.00685 %		
7		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		58	mg/kg	2.774	160.9	mg/kg	0.0161 %		
8		pH			PH		8.51	pH		8.51	pH	8.51 pH		
9		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
											Total:	0.0308 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH05

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH05
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		39 mg/kg	1.126	43.91 mg/kg	0.00439 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	63 mg/kg	1.56	98.268 mg/kg	0.0063 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.29 mg/kg	1.353	0.393 mg/kg	0.0000393 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.601 mg/kg	0.00066 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.7 mg/kg	2.554	1.788 mg/kg	0.000179 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		83 mg/kg	2.774	230.254 mg/kg	0.023 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0553 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH06

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH06
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.01 mg/kg	1.197	<0.012 mg/kg	<0.0000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<	1.353	<	<		**ND**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	6.001 mg/kg	0.0006 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		50 mg/kg	2.774	138.707 mg/kg	0.0139 %		
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
15	pH			PH		8.6 pH		8.6 pH	8.6 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
17	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
18	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
19	fluorene		201-695-5	86-73-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-581-5	85-01-8									
21		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			204-371-1	120-12-7									
22		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-912-4	206-44-0									
23		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0382 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH07

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH07
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.01	mg/kg	1.197	<0.012	mg/kg	<0.0000012 %		<**LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.6	mg/kg	1.142	2.97	mg/kg	0.000297 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		34	mg/kg	1.126	38.28	mg/kg	0.00383 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34	mg/kg	1.56	53.034	mg/kg	0.0034 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.12	mg/kg	1.353	0.162	mg/kg	0.0000162 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1	mg/kg	1.5	6.151	mg/kg	0.000615 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50	mg/kg	2.976	148.813	mg/kg	0.0149 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.55	mg/kg	2.554	1.405	mg/kg	0.00014 %		
10		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130	mg/kg	2.774	360.639	mg/kg	0.0361 %		
11		pH			PH		8.1	pH		8.1	pH	8.1 pH		
											Total:	0.0618 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

- **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

U7JXZ-51LPV-JU68R

Job name

Metrolink - Dardistown Depot

Description/Comments

Project

Metrolink

Site

Dardistown Depot

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 12:41 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ATP29	0.5	Non Hazardous		3
2	ATP29[2]	1	Non Hazardous		5
3	ATP29i	0.5	Non Hazardous		7
4	ATP29i[2]	2.1	Non Hazardous		9
5	ATP30	0.5	Non Hazardous		11
6	ATP30[2]	1.5	Non Hazardous		14
7	ATP30i	0.5	Non Hazardous		17
8	ATP30i[2]	2.5	Non Hazardous		20
9	ATP31	0.5	Non Hazardous		23
10	ATP31[2]	1.5	Non Hazardous		26
11	ATP31i	0.5	Non Hazardous		29
12	ATP31i[2]	1.5	Non Hazardous		32
13	ATP32	0.5	Non Hazardous		35
14	ATP32[2]	1.5	Non Hazardous		38
15	ATP32i	0.5	Non Hazardous		41
16	ATP32i[2]	1.5	Non Hazardous		44
17	NBH08	0.3	Non Hazardous		47
18	NBH08[2]	1	Non Hazardous		50
19	TP27	0.5	Non Hazardous		52
20	TP28	1	Non Hazardous		54
21	TP29	1	Non Hazardous		56
22	TP30	2	Non Hazardous		58
23	TP31	0.5	Non Hazardous		60

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 12:41 GMT

Classification of sample: ATP29

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP29	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	40 mg/kg	1.56	62.393 mg/kg	0.004 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.56 mg/kg	2.554	1.43 mg/kg	0.000143 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		78 mg/kg	4.398	343.038 mg/kg	0.0343 %		
13	TPH (C6 to C40) petroleum group			TPH		135.7 mg/kg		135.7 mg/kg	0.0136 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	pH			PH		8.5 pH		8.5 pH	8.5 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
20	●	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
21	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
22	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
23	●	phenanthrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			201-581-5	85-01-8									
24	●	anthracene				0.073	mg/kg		0.073	mg/kg	0.0000073 %		
			204-371-1	120-12-7									
25	●	fluoranthene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			205-912-4	206-44-0									
26	●	pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
32	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
34	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0753 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0136%)

Classification of sample: ATP29[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP29[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.5 mg/kg	1.5	6.751 mg/kg	0.000675 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.29 mg/kg	2.554	0.741 mg/kg	0.0000741 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		62 mg/kg	4.398	272.671 mg/kg	0.0273 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0531 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP29i

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP29i	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28 mg/kg	1.56	43.675 mg/kg	0.0028 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.5 mg/kg	1.5	6.751 mg/kg	0.000675 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.5 mg/kg	2.554	8.938 mg/kg	0.000894 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		77 mg/kg	4.398	338.64 mg/kg	0.0339 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
										Total:	0.058 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP29i[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP29i[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<**LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1	mg/kg	1.142	2.399	mg/kg	0.00024 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28	mg/kg	1.126	31.525	mg/kg	0.00315 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29	mg/kg	1.56	45.235	mg/kg	0.0029 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11	mg/kg	1.353	0.149	mg/kg	0.0000149 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6	mg/kg	1.5	5.401	mg/kg	0.00054 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45	mg/kg	2.976	133.932	mg/kg	0.0134 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.24	mg/kg	2.554	0.613	mg/kg	0.0000613 %		
12		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		95	mg/kg	4.398	417.803	mg/kg	0.0418 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		8.5	pH		8.5	pH	8.5 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0676 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP30

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP30	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.8 mg/kg	2.554	2.043 mg/kg	0.000204 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		120 mg/kg	4.398	527.751 mg/kg	0.0528 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0799 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP30[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP30[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.9 mg/kg	1.5	8.851 mg/kg	0.000885 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		69 mg/kg	4.398	303.457 mg/kg	0.0303 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0587 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP30i

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP30i	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.9 mg/kg	1.5	8.851 mg/kg	0.000885 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.71 mg/kg	2.554	1.813 mg/kg	0.000181 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		85 mg/kg	4.398	373.824 mg/kg	0.0374 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0648 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP30i[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP30i[2]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.856 mg/kg	0.000286 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6 mg/kg	1.5	9.001 mg/kg	0.0009 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.6 mg/kg	2.554	9.194 mg/kg	0.000919 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		140 mg/kg	4.398	615.71 mg/kg	0.0616 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0889 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP31

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP31	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3 mg/kg	1.142	3.427 mg/kg	0.000343 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36 mg/kg	1.56	56.153 mg/kg	0.0036 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.5 mg/kg	1.5	6.751 mg/kg	0.000675 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		64 mg/kg	2.976	190.481 mg/kg	0.019 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.81 mg/kg	2.554	2.069 mg/kg	0.000207 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		93 mg/kg	4.398	409.007 mg/kg	0.0409 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0753 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP31[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP31[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1	mg/kg	1.197	2.514	mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5	mg/kg	1.142	2.856	mg/kg	0.000286 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26	mg/kg	1.126	29.273	mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19	mg/kg	1.56	29.636	mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5	mg/kg	1.5	7.501	mg/kg	0.00075 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52	mg/kg	2.976	154.766	mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.64	mg/kg	2.554	1.634	mg/kg	0.000163 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	4.398	483.772	mg/kg	0.0484 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7	pH		8.7	pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0752 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP31i

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP31i	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		6 mg/kg	1.32	7.922 mg/kg	0.000792 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.78 mg/kg	1.142	0.891 mg/kg	0.0000891 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.25 mg/kg	2.554	0.638 mg/kg	0.0000638 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		55 mg/kg	4.398	241.886 mg/kg	0.0242 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0392 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP31i[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP31i[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9 mg/kg	1.462	14.469 mg/kg	0.00145 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.2 mg/kg	1.5	7.801 mg/kg	0.00078 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.99 mg/kg	2.554	2.528 mg/kg	0.000253 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		65 mg/kg	4.398	285.865 mg/kg	0.0286 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0537 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP32

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP32	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28 mg/kg	1.56	43.675 mg/kg	0.0028 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.5 mg/kg	1.5	5.251 mg/kg	0.000525 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.44 mg/kg	2.554	1.124 mg/kg	0.000112 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		81 mg/kg	4.398	356.232 mg/kg	0.0356 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0634 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP32[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP32[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22	mg/kg	1.32	29.047	mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1	mg/kg	1.142	2.399	mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25	mg/kg	1.126	28.147	mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19	mg/kg	1.56	29.636	mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6	mg/kg	1.5	6.901	mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45	mg/kg	2.976	133.932	mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.8	mg/kg	2.554	2.043	mg/kg	0.000204 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		66	mg/kg	4.398	290.263	mg/kg	0.029 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7	pH		8.7	pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0533 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP32i

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP32i	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.66 mg/kg	2.554	1.686 mg/kg	0.000169 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		83 mg/kg	4.398	365.028 mg/kg	0.0365 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.2 pH		8.2 pH	8.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0639 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP32i[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP32i[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.8 mg/kg	1.5	8.701 mg/kg	0.00087 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		61 mg/kg	2.976	181.552 mg/kg	0.0182 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
12	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		71 mg/kg	4.398	312.253 mg/kg	0.0312 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0613 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH08

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH08
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		61 mg/kg	1.126	68.679 mg/kg	0.00687 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	140 mg/kg	1.56	218.374 mg/kg	0.014 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.77 mg/kg	2.554	1.966 mg/kg	0.000197 %		
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		200 mg/kg	4.398	879.585 mg/kg	0.088 %		
11	TPH (C6 to C40) petroleum group			TPH		83.2 mg/kg		83.2 mg/kg	0.00832 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.127 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00832%)

Classification of sample: NBH08[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH08[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.1 mg/kg	1.197	3.711 mg/kg	0.000371 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.92 mg/kg	1.142	1.051 mg/kg	0.000105 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170 mg/kg	1.126	191.401 mg/kg	0.0191 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	150 mg/kg	1.56	233.972 mg/kg	0.015 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.01 mg/kg	1.353	<0.0135 mg/kg	<0.00000135 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		22 mg/kg	2.976	65.478 mg/kg	0.00655 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.28 mg/kg	2.554	0.715 mg/kg	0.0000715 %		
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		370 mg/kg	4.398	1627.233 mg/kg	0.163 %		
11	TPH (C6 to C40) petroleum group			TPH		81.9 mg/kg		81.9 mg/kg	0.00819 %		
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	pH			PH		8.2 pH		8.2 pH	8.2 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		0.23 mg/kg		0.23 mg/kg	0.000023 %		
17	acenaphthylene		205-917-1	208-96-8		1.2 mg/kg		1.2 mg/kg	0.00012 %		
18	acenaphthene		201-469-6	83-32-9		0.22 mg/kg		0.22 mg/kg	0.000022 %		
19	fluorene		201-695-5	86-73-7		0.77 mg/kg		0.77 mg/kg	0.000077 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		phenanthrene				7.2	mg/kg		7.2	mg/kg	0.00072 %		
			201-581-5	85-01-8									
21		anthracene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
			204-371-1	120-12-7									
22		fluoranthene				12	mg/kg		12	mg/kg	0.0012 %		
			205-912-4	206-44-0									
23		pyrene				11	mg/kg		11	mg/kg	0.0011 %		
			204-927-3	129-00-0									
24		benzo[a]anthracene				6.3	mg/kg		6.3	mg/kg	0.00063 %		
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				5.5	mg/kg		5.5	mg/kg	0.00055 %		
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				5.9	mg/kg		5.9	mg/kg	0.00059 %		
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				3.5	mg/kg		3.5	mg/kg	0.00035 %		
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				2.9	mg/kg		2.9	mg/kg	0.00029 %		
			205-883-8	191-24-2									
										Total:	0.222 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00819%)

Classification of sample: TP27

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP27
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1	mg/kg	1.197	<0.12	mg/kg	<0.000012 %		<LOD
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<1	mg/kg	1.32	<1.32	mg/kg	<0.000132 %		<LOD
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1	mg/kg	1.142	<0.114	mg/kg	<0.0000114 %		<LOD
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		<2	mg/kg	1.126	<2.252	mg/kg	<0.000225 %		<LOD
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	<2	mg/kg	1.56	<3.12	mg/kg	<0.0002 %		<LOD
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		0.053	mg/kg	1.5	0.0795	mg/kg	0.00000795 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		<0.5	mg/kg	2.976	<1.488	mg/kg	<0.000149 %		<LOD
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		<0.5	mg/kg	4.398	<2.199	mg/kg	<0.00022 %		<LOD
11		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		pH			PH		8.2	pH		8.2	pH	8.2 pH		
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		phenanthrene		201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
21		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
22		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
23		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
24		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
25		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
26		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
										Total:	0.00114 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP28

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP28
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4	mg/kg	1.197	2.873	mg/kg	0.000287 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1	mg/kg	1.142	2.399	mg/kg	0.00024 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27	mg/kg	1.126	30.399	mg/kg	0.00304 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21	mg/kg	1.56	32.756	mg/kg	0.0021 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.8	mg/kg	1.5	8.701	mg/kg	0.00087 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51	mg/kg	2.976	151.79	mg/kg	0.0152 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.55	mg/kg	2.554	1.405	mg/kg	0.00014 %		
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		64	mg/kg	4.398	281.467	mg/kg	0.0281 %		
11		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		pH			PH		8.7	pH		8.7	pH	8.7 pH		
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
16		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
17		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		phenanthrene		201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
21		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
22		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
23		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
24		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
25		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
26		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
										Total:	0.0526 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP29

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP29
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1	mg/kg	1.197	<0.12	mg/kg	<0.000012 %		<LOD
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<1	mg/kg	1.32	<1.32	mg/kg	<0.000132 %		<LOD
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1	mg/kg	1.142	<0.114	mg/kg	<0.0000114 %		<LOD
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		<2	mg/kg	1.126	<2.252	mg/kg	<0.000225 %		<LOD
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	<2	mg/kg	1.56	<3.12	mg/kg	<0.0002 %		<LOD
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5	mg/kg	1.5	<0.75	mg/kg	<0.000075 %		<LOD
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		<0.5	mg/kg	2.976	<1.488	mg/kg	<0.000149 %		<LOD
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		<0.5	mg/kg	4.398	<2.199	mg/kg	<0.00022 %		<LOD
11		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		pH			PH		8.8	pH		8.8	pH	8.8 pH		
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		phenanthrene		201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
21		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
22		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
23		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
24		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
25		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
26		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
										Total:	0.0012 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP30

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP30
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2	mg/kg	1.197	2.634	mg/kg	0.000263 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16	mg/kg	1.32	21.125	mg/kg	0.00211 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25	mg/kg	1.126	28.147	mg/kg	0.00281 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18	mg/kg	1.56	28.077	mg/kg	0.0018 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.4	mg/kg	1.5	8.101	mg/kg	0.00081 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45	mg/kg	2.976	133.932	mg/kg	0.0134 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4	mg/kg	2.554	10.215	mg/kg	0.00102 %		
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		63	mg/kg	4.398	277.069	mg/kg	0.0277 %		
11		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		pH			PH		8.6	pH		8.6	pH	8.6 pH		
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
16		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
17		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		phenanthrene		201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
21		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
22		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
23		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
24		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
25		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
26		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
										Total:	0.0503 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP31

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP31
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1	mg/kg	1.197	<0.12	mg/kg	<0.000012 %		<LOD
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<1	mg/kg	1.32	<1.32	mg/kg	<0.000132 %		<LOD
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1	mg/kg	1.142	<0.114	mg/kg	<0.0000114 %		<LOD
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		<2	mg/kg	1.126	<2.252	mg/kg	<0.000225 %		<LOD
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	<2	mg/kg	1.56	<3.12	mg/kg	<0.0002 %		<LOD
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		0.11	mg/kg	1.5	0.165	mg/kg	0.0000165 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		<0.5	mg/kg	2.976	<1.488	mg/kg	<0.000149 %		<LOD
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		<0.5	mg/kg	4.398	<2.199	mg/kg	<0.00022 %		<LOD
11		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		pH			PH		8.7	pH		8.7	pH	8.7 pH		
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		phenanthrene		201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
21		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
22		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
23		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
24		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
25		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
26		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
										Total:	0.00114 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2]}

Due to the low noted concentrations of chromium, it is not possible that zinc will be present as zinc chromate within soils. Zinc sulphate adopted as likely worst case compound.

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

75MLX-67A6L-JORCF

Job name

Metrolink - Northwood and Tunnel

Description/Comments

Project

Metrolink

Site

Northwood and Tunnel

Classified by

Name:
Stewart Easton
Date:
08 Sep 2021 12:48 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH18	0.5	Non Hazardous		3
2	ABH18[2]	2	Non Hazardous		5
3	ABH18[3]	9	Non Hazardous		7
4	ABH18[4]	11.5	Non Hazardous		9
5	ABH18[5]	21.8	Non Hazardous		11
6	ABH19	0.5	Non Hazardous		13
7	ABH19[2]	2	Non Hazardous		16
8	ABH19[3]	3	Non Hazardous		19
9	ABH19[4]	10	Non Hazardous		21
10	ABH19[5]	13	Non Hazardous		23
11	ABH19[6]	23	Non Hazardous		25
12	ABH20	0.5	Non Hazardous		27
13	ABH20[2]	2	Non Hazardous		30
14	ABH20[3]	4	Non Hazardous		33
15	ABH20[4]	7.45	Non Hazardous		35
16	ABH20[5]	18.7	Non Hazardous		37
17	ABH20[6]	22.75	Non Hazardous		39
18	ABH21	18.4	Non Hazardous		41
19	ABH21[2]	23.9	Non Hazardous		43
20	ATP34	1	Non Hazardous		45
21	ATP34[2]	2.5	Non Hazardous		47
22	ATP35	0.5	Non Hazardous		49
23	ATP35[2]	1.5	Non Hazardous		51
24	NBH12	0.1	Non Hazardous		53
25	NBH12[2]	1	Non Hazardous		55
26	NBH80	0.3	Non Hazardous		57
27	NBH80[2]	1.2	Non Hazardous		59
28	NBH202	0.5	Non Hazardous		61
29	NBH73	0.5	Non Hazardous		63

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 08 Sep 2021 12:48 GMT

Classification of sample: ABH18

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH18	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6 mg/kg	1.462	8.769 mg/kg	0.000877 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12 mg/kg	1.126	13.511 mg/kg	0.00135 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		16 mg/kg	2.976	47.62 mg/kg	0.00476 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		19 mg/kg	2.774	52.709 mg/kg	0.00527 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0167 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH18[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH18[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	60 mg/kg	1.56	93.589 mg/kg	0.006 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.21 mg/kg	2.554	0.536 mg/kg	0.0000536 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		220 mg/kg	2.774	610.312 mg/kg	0.061 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		9.2 pH		9.2 pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0843 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH18[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH18[3]
Sample Depth:
9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0411 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH18[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH18[4]
Sample Depth:
11.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4 mg/kg	1.197	4.07 mg/kg	0.000407 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	80 mg/kg	1.56	124.785 mg/kg	0.008 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.1 mg/kg	1.5	7.651 mg/kg	0.000765 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.5 mg/kg	2.554	6.385 mg/kg	0.000638 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0652 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH18[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH18[5]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
21.8 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4 mg/kg	1.197	4.788 mg/kg	0.000479 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		30 mg/kg	1.32	39.61 mg/kg	0.00396 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	98 mg/kg	1.56	152.862 mg/kg	0.0098 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.2 mg/kg	1.5	9.301 mg/kg	0.00093 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		60 mg/kg	2.976	178.576 mg/kg	0.0179 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.5 mg/kg	2.554	8.938 mg/kg	0.000894 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		120 mg/kg	2.774	332.898 mg/kg	0.0333 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0741 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH19

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH19	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.4 mg/kg	1.197	5.267 mg/kg	0.000527 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35 mg/kg	1.126	39.406 mg/kg	0.00394 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	33 mg/kg	1.56	51.474 mg/kg	0.0033 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.1 mg/kg	1.5	10.651 mg/kg	0.00107 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58 mg/kg	2.976	172.623 mg/kg	0.0173 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.9 mg/kg	2.554	7.406 mg/kg	0.000741 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		82 mg/kg	2.774	227.48 mg/kg	0.0227 %		
13	TPH (C6 to C40) petroleum group			TPH		64 mg/kg		64 mg/kg	0.0064 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		7.9 pH		7.9 pH	7.9 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				0.029	mg/kg		0.029	mg/kg	0.0000029 %		
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.029	mg/kg		0.029	mg/kg	0.0000029 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.042	mg/kg		0.042	mg/kg	0.0000042 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.025	mg/kg		0.025	mg/kg	0.0000025 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.026	mg/kg		0.026	mg/kg	0.0000026 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.011	mg/kg		0.011	mg/kg	0.0000011 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.011	mg/kg		0.011	mg/kg	0.0000011 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.013	mg/kg		0.013	mg/kg	0.0000013 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.013	mg/kg		0.013	mg/kg	0.0000013 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0633 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0064%)

Classification of sample: ABH19[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH19[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.6 mg/kg	1.197	4.31 mg/kg	0.000431 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.9 mg/kg	1.5	8.851 mg/kg	0.000885 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.7 mg/kg	2.554	9.449 mg/kg	0.000945 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		92 mg/kg	2.774	255.221 mg/kg	0.0255 %		
13	TPH (C6 to C40) petroleum group			TPH		75 mg/kg		75 mg/kg	0.0075 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.3 pH		8.3 pH	8.3 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				0.015	mg/kg		0.015	mg/kg	0.0000015 %		
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				0.033	mg/kg		0.033	mg/kg	0.0000033 %		
			204-371-1	120-12-7									
25		fluoranthene				0.011	mg/kg		0.011	mg/kg	0.0000011 %		
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.049	mg/kg		0.049	mg/kg	0.0000049 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.046	mg/kg		0.046	mg/kg	0.0000046 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.017	mg/kg		0.017	mg/kg	0.0000017 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.023	mg/kg		0.023	mg/kg	0.0000023 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.012	mg/kg		0.012	mg/kg	0.0000012 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.062 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0075%)

Classification of sample: ABH19[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH19[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.591 mg/kg	0.000359 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		37 mg/kg	1.462	54.078 mg/kg	0.00541 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	31 mg/kg	1.56	48.354 mg/kg	0.0031 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.41 mg/kg	2.554	1.047 mg/kg	0.000105 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		81 mg/kg	2.774	224.706 mg/kg	0.0225 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		0.023 mg/kg		0.023 mg/kg	0.0000023 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.032	mg/kg		0.032	mg/kg	0.0000032 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.018	mg/kg		0.018	mg/kg	0.0000018 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.017	mg/kg		0.017	mg/kg	0.0000017 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.022	mg/kg		0.022	mg/kg	0.0000022 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.012	mg/kg		0.012	mg/kg	0.0000012 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.014	mg/kg		0.014	mg/kg	0.0000014 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.017	mg/kg		0.017	mg/kg	0.0000017 %		
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.052 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH19[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH19[4]
Sample Depth:
10 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13	mg/kg	1.32	17.164	mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.78	mg/kg	1.142	0.891	mg/kg	0.0000891 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22	mg/kg	1.126	24.77	mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18	mg/kg	1.56	28.077	mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2	mg/kg	1.5	<3	mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44	mg/kg	2.976	130.956	mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1	mg/kg	2.554	2.554	mg/kg	0.000255 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62	mg/kg	2.774	171.997	mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5	pH		8.5	pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0417 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH19[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH19[5]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
13 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.9 mg/kg	1.142	3.313 mg/kg	0.000331 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	41 mg/kg	1.56	63.952 mg/kg	0.0041 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.7 mg/kg	1.5	10.051 mg/kg	0.00101 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.9 mg/kg	2.554	7.406 mg/kg	0.000741 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0512 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH19[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH19[6]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
23 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29 mg/kg	1.32	38.289 mg/kg	0.00383 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	62 mg/kg	1.56	96.709 mg/kg	0.0062 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.6 mg/kg	1.5	8.401 mg/kg	0.00084 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.9 mg/kg	2.554	7.406 mg/kg	0.000741 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		96 mg/kg	2.774	266.318 mg/kg	0.0266 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0614 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH20

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH20	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.5 mg/kg	1.5	5.251 mg/kg	0.000525 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.72 mg/kg	2.554	1.839 mg/kg	0.000184 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		72 mg/kg	2.774	199.739 mg/kg	0.02 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0461 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH20[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH20[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	5.701 mg/kg	0.00057 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.3 mg/kg	2.554	5.874 mg/kg	0.000587 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		75 mg/kg	2.774	208.061 mg/kg	0.0208 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
40		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
41		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
42		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
43		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
44		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0506 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH20[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH20[3]

Sample Depth:
4 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	5.701 mg/kg	0.00057 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		76 mg/kg	2.774	210.835 mg/kg	0.0211 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0522 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH20[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH20[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
7.45 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	48 mg/kg	1.56	74.871 mg/kg	0.0048 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		59 mg/kg	2.976	175.6 mg/kg	0.0176 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7 mg/kg	2.554	4.342 mg/kg	0.000434 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.065 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH20[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH20[5]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
18.7 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.73 mg/kg	1.142	0.834 mg/kg	0.0000834 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		9.7 mg/kg	1.5	14.552 mg/kg	0.00146 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		59 mg/kg	2.976	175.6 mg/kg	0.0176 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		38 mg/kg	2.774	105.418 mg/kg	0.0105 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.016	mg/kg		0.016	mg/kg	0.0000016 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0426 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH20[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH20[6]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
22.75 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		35 mg/kg	1.32	46.211 mg/kg	0.00462 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		59 mg/kg	1.126	66.427 mg/kg	0.00664 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		17 mg/kg	1.5	25.503 mg/kg	0.00255 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		85 mg/kg	2.976	252.983 mg/kg	0.0253 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2 mg/kg	2.554	5.108 mg/kg	0.000511 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		40 mg/kg	2.774	110.966 mg/kg	0.0111 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		7.9 pH		7.9 pH	7.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0567 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH21

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH21
Sample Depth:
18.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.6 mg/kg	1.142	0.685 mg/kg	0.0000685 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.5 mg/kg	1.5	6.751 mg/kg	0.000675 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		5.1 mg/kg	2.554	13.025 mg/kg	0.0013 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		27 mg/kg	2.774	74.902 mg/kg	0.00749 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		0.031 mg/kg		0.031 mg/kg	0.0000031 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0379 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH21[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH21[2]
Sample Depth:
23.9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.6 mg/kg	1.142	0.685 mg/kg	0.0000685 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	6.001 mg/kg	0.0006 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.4 mg/kg	2.554	6.129 mg/kg	0.000613 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		23 mg/kg	2.774	63.805 mg/kg	0.00638 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0294 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP34

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP34	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<**LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18	mg/kg	1.32	23.766	mg/kg	0.00238 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1	mg/kg	1.142	2.399	mg/kg	0.00024 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22	mg/kg	1.126	24.77	mg/kg	0.00248 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19	mg/kg	1.56	29.636	mg/kg	0.0019 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4	mg/kg	1.5	5.101	mg/kg	0.00051 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35	mg/kg	2.976	104.169	mg/kg	0.0104 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.32	mg/kg	2.554	0.817	mg/kg	0.0000817 %		
12		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		81	mg/kg	2.774	224.706	mg/kg	0.0225 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		8.7	pH		8.7	pH	8.7 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0427 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP34[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP34[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	5.701 mg/kg	0.00057 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.5 mg/kg	2.554	8.938 mg/kg	0.000894 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		81 mg/kg	2.774	224.706 mg/kg	0.0225 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.051 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP35

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP35	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	37 mg/kg	1.56	57.713 mg/kg	0.0037 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.61 mg/kg	2.554	1.558 mg/kg	0.000156 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	221.932 mg/kg	0.0222 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0517 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP35[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP35[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		30 mg/kg	1.32	39.61 mg/kg	0.00396 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		34 mg/kg	1.126	38.28 mg/kg	0.00383 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.9 mg/kg	1.5	8.851 mg/kg	0.000885 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		64 mg/kg	2.976	190.481 mg/kg	0.019 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.66 mg/kg	2.554	1.686 mg/kg	0.000169 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		84 mg/kg	2.774	233.028 mg/kg	0.0233 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0579 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH12

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH12
Sample Depth:
0.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.3 mg/kg	1.197	5.148 mg/kg	0.000515 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	50 mg/kg	1.56	77.991 mg/kg	0.005 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.28 mg/kg	1.353	0.379 mg/kg	0.0000379 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		<0.05 mg/kg	2.976	<0.149 mg/kg	<0.0000149 %		<**LOD**
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65 mg/kg	2.774	180.32 mg/kg	0.018 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.1 pH		8.1 pH	8.1 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		0.27 mg/kg		0.27 mg/kg	0.000027 %		
19	acenaphthene		201-469-6	83-32-9		0.14 mg/kg		0.14 mg/kg	0.000014 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			204-371-1	120-12-7									
23		fluoranthene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			205-912-4	206-44-0									
24		pyrene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0307 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH12[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH12[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.601 mg/kg	0.00066 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.7 mg/kg	2.554	1.788 mg/kg	0.000179 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		74 mg/kg	2.774	205.287 mg/kg	0.0205 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0469 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH80

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH80	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.23 mg/kg	1.353	0.311 mg/kg	0.0000311 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41 mg/kg	2.976	122.027 mg/kg	0.0122 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59 mg/kg	2.774	163.675 mg/kg	0.0164 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0395 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH80[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH80[2]
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.98 mg/kg	2.554	2.503 mg/kg	0.00025 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		55 mg/kg	2.774	152.578 mg/kg	0.0153 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
24		pyrene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0375 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH202
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		7.9 mg/kg	1.32	10.431 mg/kg	0.00104 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		13 mg/kg	1.126	14.637 mg/kg	0.00146 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27 mg/kg	1.56	42.115 mg/kg	0.0027 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		25 mg/kg	2.976	74.407 mg/kg	0.00744 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.49 mg/kg	2.554	1.251 mg/kg	0.000125 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		49 mg/kg	2.774	135.933 mg/kg	0.0136 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8 pH		8 pH	8pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0271 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH73

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH73
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.856 mg/kg	0.000286 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36 mg/kg	1.126	40.532 mg/kg	0.00405 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	63 mg/kg	1.56	98.268 mg/kg	0.0063 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0598 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

- **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

1Z83B-CNVYD-0H337

Job name

Metrolink - Ballymun

Description/Comments

Project

Metrolink

Site

Ballymun

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 11:28 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH22	16.7	Non Hazardous		3
2	ABH23	0.5	Non Hazardous		5
3	ABH23[2]	2	Non Hazardous		7
4	ABH23[3]	5.5	Non Hazardous		9
5	ABH23[4]	10.5	Non Hazardous		11
6	ABH23[5]	19.24	Non Hazardous		13
7	ABH23[6]	29.7	Non Hazardous		15
8	ABH24A	1.5	Non Hazardous		17
9	ABH24B	0.7	Non Hazardous		20
10	ABH24B[2]	1.8	Non Hazardous		22
11	ABH24B[3]	4.8	Non Hazardous		24
12	ABH24B[4]	17	Non Hazardous		26
13	ABH24B[5]	22	Non Hazardous		28
14	ABH24B[6]	27	Non Hazardous		30
15	ABH25	0.5	Non Hazardous		32
16	ABH25[2]	1.7	Non Hazardous		34
17	ABH25[3]	8.7	Non Hazardous		36
18	ABH25[4]	20.5	Non Hazardous		38
19	ABH25[5]	27.22	Non Hazardous		40
20	ATP36	0.25	Non Hazardous		42
21	ATP36[2]	1.8	Non Hazardous		45
22	ATP37	1.8	Non Hazardous		48
23	ATP37[2]	2.6	Non Hazardous		50
24	NBH101	0.5	Non Hazardous		52
25	NBH101[2]	1	Non Hazardous		55
26	NBH101[3]	2.5	Non Hazardous		58
27	NBH203A	0.5	Non Hazardous		61
28	NBH204	0.4	Hazardous	HP 8	63
29	NBH204[2]	1	Non Hazardous		65

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 11:28 GMT

Classification of sample: ABH22

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH22	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
16.7 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.66 mg/kg	2.554	1.686 mg/kg	0.000169 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		92 mg/kg	2.774	255.221 mg/kg	0.0255 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.058	mg/kg		0.058	mg/kg	0.0000058 %		
			205-912-4	206-44-0									
25		pyrene				0.053	mg/kg		0.053	mg/kg	0.0000053 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0517 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH23

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH23	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.8 mg/kg	1.142	4.341 mg/kg	0.000434 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.5 mg/kg	1.462	9.5 mg/kg	0.00095 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	41 mg/kg	1.56	63.952 mg/kg	0.0041 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		48 mg/kg	2.774	133.159 mg/kg	0.0133 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0351 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH23[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH23[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14 mg/kg	1.56	21.837 mg/kg	0.0014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.4 mg/kg	1.5	8.101 mg/kg	0.00081 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61 mg/kg	2.774	169.223 mg/kg	0.0169 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0412 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH23[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH23[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
5.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.3 mg/kg	2.554	5.874 mg/kg	0.000587 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		63 mg/kg	2.774	174.771 mg/kg	0.0175 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0411 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH23[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH23[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
10.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2	mg/kg	1.197	2.394	mg/kg	0.000239 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7	mg/kg	1.142	1.942	mg/kg	0.000194 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	30.693	mg/kg	0.00307 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33	mg/kg	1.126	37.154	mg/kg	0.00372 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20	mg/kg	1.56	31.196	mg/kg	0.002 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07	mg/kg	1.353	0.0947	mg/kg	0.00000947 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.8	mg/kg	1.5	8.701	mg/kg	0.00087 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		57	mg/kg	2.976	169.647	mg/kg	0.017 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3	mg/kg	2.554	7.662	mg/kg	0.000766 %		
12		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71	mg/kg	2.774	196.964	mg/kg	0.0197 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		pH			PH		8.5	pH		8.5	pH	8.5 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.051 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH23[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH23[5]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
19.24 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.5 mg/kg	1.5	5.251 mg/kg	0.000525 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.72 mg/kg	2.554	1.839 mg/kg	0.000184 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		50 mg/kg	2.774	138.707 mg/kg	0.0139 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		0.0087 mg/kg		0.0087 mg/kg	0.00000087 %		
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0399 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 8.7e-07%)

Classification of sample: ABH23[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH23[6]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
29.7 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.8 mg/kg	1.462	14.323 mg/kg	0.00143 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	5.6 mg/kg	1.56	8.735 mg/kg	0.00056 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		18 mg/kg	1.5	27.003 mg/kg	0.0027 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.8 mg/kg	2.554	9.705 mg/kg	0.00097 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.2 pH		9.2 pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0411 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH24A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH24A	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.95 mg/kg	1.142	1.085 mg/kg	0.000109 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14 mg/kg	1.126	15.762 mg/kg	0.00158 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.39 mg/kg	2.554	0.996 mg/kg	0.0000996 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		36 mg/kg	2.774	99.869 mg/kg	0.00999 %		
13	TPH (C6 to C40) petroleum group			TPH		576 mg/kg		576 mg/kg	0.0576 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.3 pH		8.3 pH	8.3 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene	205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
23		phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		anthracene	204-371-1	120-12-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
25		fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
26		pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
27		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
28		chrysene	601-048-00-0	205-923-4	218-01-9	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
34		benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
35		phenol	604-001-00-2	203-632-7	108-95-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
36		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
38		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
39		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
40		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
41		2,3,7,8-TeCDD	217-122-7	1746-01-6		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
42		1,2,3,7,8-PeCDD		40321-76-4		<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<LOD
43		1,2,3,4,7,8-HxCDD		39227-28-6		<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
44		1,2,3,7,8,9-HxCDD		19408-74-3		<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
45		1,2,3,4,6,7,8-HpCDD		35822-46-9		<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
46		OCDD		3268-87-9		12.1	ng/kg		1.21e-05	mg/kg	0.000000001 %		
47		2,3,7,8-TeCDF		51207-31-9		<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
48		1,2,3,7,8-PeCDF		57117-41-6		<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
49		2,3,4,7,8-PeCDF		57117-31-4		<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
50		1,2,3,4,7,8-HxCDF		70648-26-9		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
51		1,2,3,6,7,8-HxCDF		57117-44-9		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<**LOD**
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<**LOD**
55		OCDF		39001-02-0		<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<**LOD**
										Total:	0.0818 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0576%)

Classification of sample: ABH24B

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH24B
Sample Depth:
0.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.591 mg/kg	0.000359 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.49 mg/kg	2.554	1.251 mg/kg	0.000125 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66 mg/kg	2.774	183.094 mg/kg	0.0183 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.043 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH24B[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH24B[2]
Sample Depth:
1.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.2 mg/kg	1.197	3.831 mg/kg	0.000383 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.7 mg/kg	1.5	10.051 mg/kg	0.00101 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53 mg/kg	2.976	157.742 mg/kg	0.0158 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		5.7 mg/kg	2.554	14.557 mg/kg	0.00146 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		81 mg/kg	2.774	224.706 mg/kg	0.0225 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0532 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH24B[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH24B[3]
Sample Depth:
4.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7 mg/kg	1.5	7.051 mg/kg	0.000705 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.6 mg/kg	2.554	6.64 mg/kg	0.000664 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		69 mg/kg	2.774	191.416 mg/kg	0.0191 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0461 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH24B[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH24B[4]
Sample Depth:
17 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		33 mg/kg	1.32	43.571 mg/kg	0.00436 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.6 mg/kg	1.142	2.97 mg/kg	0.000297 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.88 mg/kg	2.554	2.247 mg/kg	0.000225 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		76 mg/kg	2.774	210.835 mg/kg	0.0211 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0424 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH24B[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH24B[5]
Sample Depth:
22 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10 mg/kg	1.32	13.203 mg/kg	0.00132 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		5.6 mg/kg	1.142	6.397 mg/kg	0.00064 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		56 mg/kg	1.126	63.05 mg/kg	0.0063 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	15 mg/kg	1.56	23.397 mg/kg	0.0015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		14 mg/kg	1.5	21.003 mg/kg	0.0021 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		92 mg/kg	2.976	273.816 mg/kg	0.0274 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.6 mg/kg	2.554	6.64 mg/kg	0.000664 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		230 mg/kg	2.774	638.054 mg/kg	0.0638 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.106 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH24B[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH24B[6]
Sample Depth:
27 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.1 mg/kg	1.32	10.695 mg/kg	0.00107 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9 mg/kg	1.462	14.469 mg/kg	0.00145 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	13 mg/kg	1.56	20.278 mg/kg	0.0013 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.1 mg/kg	1.5	10.651 mg/kg	0.00107 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		74 mg/kg	2.976	220.244 mg/kg	0.022 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.5 mg/kg	2.554	6.385 mg/kg	0.000638 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		38 mg/kg	2.774	105.418 mg/kg	0.0105 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0423 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH25

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH25
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.1 mg/kg	1.462	7.454 mg/kg	0.000745 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	31 mg/kg	1.56	48.354 mg/kg	0.0031 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14 mg/kg	2.976	41.668 mg/kg	0.00417 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		37 mg/kg	2.774	102.643 mg/kg	0.0103 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0234 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH25[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH25[2]
Sample Depth:
1.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.7 mg/kg	1.462	8.331 mg/kg	0.000833 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12 mg/kg	1.126	13.511 mg/kg	0.00135 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		22 mg/kg	2.774	61.031 mg/kg	0.0061 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0218 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH25[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH25[3]
Sample Depth:
8.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.4 mg/kg	1.5	8.101 mg/kg	0.00081 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.3 mg/kg	2.554	8.428 mg/kg	0.000843 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61 mg/kg	2.774	169.223 mg/kg	0.0169 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0441 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH25[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH25[4]
Sample Depth:
20.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		36 mg/kg	1.32	47.532 mg/kg	0.00475 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		40 mg/kg	1.462	58.462 mg/kg	0.00585 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	31 mg/kg	1.56	48.354 mg/kg	0.0031 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		87 mg/kg	2.976	258.935 mg/kg	0.0259 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.39 mg/kg	2.554	0.996 mg/kg	0.0000996 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		140 mg/kg	2.774	388.381 mg/kg	0.0388 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				0.029	mg/kg		0.029	mg/kg	0.0000029 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0826 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH25[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH25[5]
Sample Depth:
27.22 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.84 mg/kg	1.142	0.96 mg/kg	0.000096 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		30 mg/kg	2.774	83.224 mg/kg	0.00832 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0314 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP36

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP36
Sample Depth:
0.25 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.53 mg/kg	2.554	1.354 mg/kg	0.000135 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65 mg/kg	2.774	180.32 mg/kg	0.018 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		10.6 pH		10.6 pH	10.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.35	ng/kg		<3.5e-07	mg/kg	<3.5e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.25	ng/kg		<2.5e-07	mg/kg	<2.5e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.24	ng/kg		<2.4e-07	mg/kg	<2.4e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				10.6	ng/kg		1.06e-05	mg/kg	0.000000001 %		
				35822-46-9									
45		OCDD				72.8	ng/kg		7.28e-05	mg/kg	0.000000007 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.06	ng/kg		1.06e-06	mg/kg	1.06e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				0.276	ng/kg		2.76e-07	mg/kg	2.76e-11 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.331	ng/kg		3.31e-07	mg/kg	3.31e-11 %		
54		OCDF		39001-02-0		4.25	ng/kg		4.25e-06	mg/kg	4.25e-10 %		
										Total:	0.0382 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP36[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP36[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.8 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.9 mg/kg	1.5	7.351 mg/kg	0.000735 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		7.4 mg/kg	2.554	18.898 mg/kg	0.00189 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		63 mg/kg	2.774	174.771 mg/kg	0.0175 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.29	ng/kg		<2.9e-07	mg/kg	<2.9e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				1.22	ng/kg		1.22e-06	mg/kg	1.22e-10 %		
				35822-46-9									
45		OCDD				6.5	ng/kg		6.5e-06	mg/kg	6.5e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<**LOD**
54		OCDF		39001-02-0		1	ng/kg		1.0e-06	mg/kg	1.0e-10 %		
										Total:	0.0431 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP37

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP37
Sample Depth:
1.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.8 mg/kg	1.5	8.701 mg/kg	0.00087 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	213.609 mg/kg	0.0214 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0511 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP37[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP37[2]
Sample Depth:
2.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.6 mg/kg	1.197	5.507 mg/kg	0.000551 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.6 mg/kg	1.5	8.401 mg/kg	0.00084 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.7 mg/kg	2.554	12.003 mg/kg	0.0012 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57 mg/kg	2.774	158.126 mg/kg	0.0158 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0389 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH101

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH101
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		41 mg/kg	1.126	46.161 mg/kg	0.00462 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	83 mg/kg	1.56	129.465 mg/kg	0.0083 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.71 mg/kg	1.353	0.961 mg/kg	0.0000961 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
11	TPH (C6 to C40) petroleum group			TPH		72 mg/kg		72 mg/kg	0.0072 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0687 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0072%)

Classification of sample: NBH101[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH101[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	43 mg/kg	1.56	67.072 mg/kg	0.0043 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.51 mg/kg	1.353	0.69 mg/kg	0.000069 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.6 mg/kg	1.5	3.9 mg/kg	0.00039 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		150 mg/kg	2.774	416.122 mg/kg	0.0416 %		
11	TPH (C6 to C40) petroleum group			TPH		78 mg/kg		78 mg/kg	0.0078 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1.1 mg/kg	1.884	2.072 mg/kg	0.000207 %		
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0681 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0078%)

Classification of sample: NBH101[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH101[3]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.01 mg/kg	1.197	<0.012 mg/kg	<0.0000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.23 mg/kg	1.353	0.311 mg/kg	0.0000311 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		27 mg/kg	2.976	80.359 mg/kg	0.00804 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.7 mg/kg	2.554	1.788 mg/kg	0.000179 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		42 mg/kg	2.774	116.514 mg/kg	0.0117 %		
11	TPH (C6 to C40) petroleum group			TPH		565.1 mg/kg		565.1 mg/kg	0.0565 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.0013 mg/kg		0.0013 mg/kg	0.00000013 %		
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1.3 mg/kg	1.884	2.449 mg/kg	0.000245 %		
17	pH			PH		9.8 pH		9.8 pH	9.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20	●	acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21	●	fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22	●	phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23	●	anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24	●	fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25	●	pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31	●	indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33	●	benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0836 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene: (conc.: 1.3e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0565%)

Classification of sample: NBH203A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH203A
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<**LOD**
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14 mg/kg	1.126	15.762 mg/kg	0.00158 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41 mg/kg	2.976	122.027 mg/kg	0.0122 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		28 mg/kg	2.774	77.676 mg/kg	0.00777 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		9.2 pH		9.2 pH	9.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0268 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH204

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH204	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.4 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.8 pH)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		antimony { antimony trioxide } 051-005-00-X / 215-175-0 / 1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2		arsenic { arsenic trioxide } 033-003-00-0 / 215-481-4 / 1327-53-3		35 mg/kg	1.32	46.211 mg/kg	0.00462 %		
3		cadmium { cadmium oxide } 048-002-00-0 / 215-146-2 / 1306-19-0		0.95 mg/kg	1.142	1.085 mg/kg	0.000109 %		
4		copper { dicopper oxide; copper (I) oxide } 029-002-00-X / 215-270-7 / 1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
5		lead { lead chromate } 082-004-00-2 / 231-846-0 / 7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
6		mercury { mercury dichloride } 080-010-00-X / 231-299-8 / 7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide } 042-001-00-9 / 215-204-7 / 1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		<**LOD**
8		nickel { nickel chromate } 028-035-00-7 / 238-766-5 / 14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
9		selenium { nickel selenate } 028-031-00-5 / 239-125-2 / 15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
10		zinc { zinc chromate } 024-007-00-3 / 236-878-9 / 13530-65-9		60 mg/kg	2.774	166.449 mg/kg	0.0166 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5		<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16		pH PH		11.8 pH		11.8 pH	11.8 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
18	●	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.035 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH204[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH204[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		32 mg/kg	1.32	42.25 mg/kg	0.00423 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	5.701 mg/kg	0.00057 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		63 mg/kg	2.774	174.771 mg/kg	0.0175 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		9.4 pH		9.4 pH	9.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0421 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

- **2,3,7,8-TeCDD** (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

- **1,2,3,7,8-PeCDD** (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

- **1,2,3,4,7,8-HxCDD** (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8,9-HxCDD** (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,4,6,7,8-HpCDD** (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

- **OCDD** (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

- **2,3,7,8-TeCDF** (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8-PeCDF** (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

- **2,3,4,7,8-PeCDF** (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

- **1,2,3,4,7,8-HxCDF** (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,6,7,8-HxCDF (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDF (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

2,3,4,6,7,8-HxCDF (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,7,8,9-HpCDF (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDF (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

41L8R-LFUP3-Y15T4

Job name

Metrolink - Collins Ave

Description/Comments

Project

Metrolink

Site

Collins Ave

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 11:37 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

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Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 11:37 GMT

Classification of sample: ABH27

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH27
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		10 mg/kg	1.142	11.423 mg/kg	0.00114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.3 mg/kg	1.5	7.951 mg/kg	0.000795 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.8 mg/kg	2.554	9.705 mg/kg	0.00097 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		190 mg/kg	2.774	527.088 mg/kg	0.0527 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.026	mg/kg		0.026	mg/kg	0.0000026 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				0.039	mg/kg		0.039	mg/kg	0.0000039 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0809 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH27[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH27[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.856 mg/kg	0.000286 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5 mg/kg	1.5	7.501 mg/kg	0.00075 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.21 mg/kg	2.554	0.536 mg/kg	0.0000536 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78 mg/kg	2.774	216.383 mg/kg	0.0216 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.041	mg/kg		0.041	mg/kg	0.0000041 %		
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0517 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH27[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH27[3]
Sample Depth:
9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.87 mg/kg	1.142	0.994 mg/kg	0.0000994 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.91 mg/kg	2.554	2.324 mg/kg	0.000232 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		74 mg/kg	2.774	205.287 mg/kg	0.0205 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0442 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH27[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH27[4]
Sample Depth:
18.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18 mg/kg	1.126	20.266 mg/kg	0.00203 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	43 mg/kg	1.56	67.072 mg/kg	0.0043 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.8 mg/kg	1.5	8.701 mg/kg	0.00087 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.8 mg/kg	2.554	7.151 mg/kg	0.000715 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
13	TPH (C6 to C40) petroleum group			TPH		1.4 mg/kg		1.4 mg/kg	0.00014 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	pH			PH		8.9 pH		8.9 pH	8.9 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.033	mg/kg		0.033	mg/kg	0.0000033 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0601 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00014%)

Classification of sample: ABH27[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH27[5]
Sample Depth:
24.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.6 mg/kg	1.462	12.569 mg/kg	0.00126 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		54 mg/kg	1.126	60.798 mg/kg	0.00608 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.46 mg/kg	2.554	1.175 mg/kg	0.000117 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		23 mg/kg	2.774	63.805 mg/kg	0.00638 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.4 pH		9.4 pH	9.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0328 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH27[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH27[6]
Sample Depth:
29.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.34 mg/kg	1.142	0.388 mg/kg	0.0000388 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36 mg/kg	1.126	40.532 mg/kg	0.00405 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	56 mg/kg	1.56	87.35 mg/kg	0.0056 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7 mg/kg	1.5	5.551 mg/kg	0.000555 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		84 mg/kg	2.976	250.006 mg/kg	0.025 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.8 mg/kg	2.554	9.705 mg/kg	0.00097 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.2 pH		9.2 pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0562 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH28

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH28
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.2 mg/kg	1.197	3.831 mg/kg	0.000383 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	38 mg/kg	1.56	59.273 mg/kg	0.0038 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.31 mg/kg	2.554	0.792 mg/kg	0.0000792 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		75 mg/kg	2.774	208.061 mg/kg	0.0208 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0462 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH28[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH28[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.8 mg/kg	1.5	7.201 mg/kg	0.00072 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		5.3 mg/kg	2.554	13.535 mg/kg	0.00135 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0423 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH28[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH28[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.7 mg/kg	2.554	6.895 mg/kg	0.00069 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		48 mg/kg	2.774	133.159 mg/kg	0.0133 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0345 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH28[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH28[4]
Sample Depth:
14.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.6 mg/kg	1.5	3.9 mg/kg	0.00039 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.88 mg/kg	2.554	2.247 mg/kg	0.000225 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		68 mg/kg	2.774	188.642 mg/kg	0.0189 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.9 pH		9.9 pH	9.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				0.045	mg/kg		0.045	mg/kg	0.0000045 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.019	mg/kg		0.019	mg/kg	0.0000019 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0409 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH28[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH28[5]
Sample Depth:
21.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.5 mg/kg	1.142	0.571 mg/kg	0.0000571 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2 mg/kg	1.5	3 mg/kg	0.0003 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		65 mg/kg	2.976	193.457 mg/kg	0.0193 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		32 mg/kg	2.774	88.773 mg/kg	0.00888 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				0.028	mg/kg		0.028	mg/kg	0.0000028 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0387 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH28[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH28[6]
Sample Depth:
27 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.13 mg/kg	1.142	0.149 mg/kg	0.0000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11 mg/kg	1.56	17.158 mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		18 mg/kg	2.774	49.935 mg/kg	0.00499 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.049	mg/kg		0.049	mg/kg	0.0000049 %		
			201-581-5	85-01-8									
23		anthracene				0.021	mg/kg		0.021	mg/kg	0.0000021 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0289 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH29

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH29
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		4.6 mg/kg	1.142	5.255 mg/kg	0.000525 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	45 mg/kg	1.56	70.192 mg/kg	0.0045 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.44 mg/kg	2.554	1.124 mg/kg	0.000112 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65 mg/kg	2.774	180.32 mg/kg	0.018 %		
13	TPH (C6 to C40) petroleum group			TPH		183 mg/kg		183 mg/kg	0.0183 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.9 pH		8.9 pH	8.9 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			201-581-5	85-01-8									
24		anthracene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			204-371-1	120-12-7									
25		fluoranthene				0.82	mg/kg		0.82	mg/kg	0.000082 %		
			205-912-4	206-44-0									
26		pyrene				0.77	mg/kg		0.77	mg/kg	0.000077 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.096	mg/kg		0.096	mg/kg	0.0000096 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				0.327	ng/kg		3.27e-07	mg/kg	3.27e-11 %		
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				0.484	ng/kg		4.84e-07	mg/kg	4.84e-11 %		
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				1.64	ng/kg		1.64e-06	mg/kg	1.64e-10 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				56.6	ng/kg		5.66e-05	mg/kg	0.000000005 %		
				35822-46-9									
46		OCDD				552	ng/kg		0.0005	mg/kg	0.000000055 %		
				3268-87-9									
47		2,3,7,8-TeCDF				2.16	ng/kg		2.16e-06	mg/kg	2.16e-10 %		
				51207-31-9									
48		1,2,3,7,8-PeCDF				0.792	ng/kg		7.92e-07	mg/kg	7.92e-11 %		
				57117-41-6									
49		2,3,4,7,8-PeCDF				0.912	ng/kg		9.12e-07	mg/kg	9.12e-11 %		
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				1.38	ng/kg		1.38e-06	mg/kg	1.38e-10 %		
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				0.917	ng/kg		9.17e-07	mg/kg	9.17e-11 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		1,2,3,7,8,9-HxCDF		72918-21-9		0.158	ng/kg		1.58e-07 mg/kg	1.58e-11 %		
53		2,3,4,6,7,8-HxCDF		60851-34-5		1.23	ng/kg		1.23e-06 mg/kg	1.23e-10 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		1.04	ng/kg		1.04e-06 mg/kg	1.04e-10 %		
55		OCDF		39001-02-0		21.5	ng/kg		2.15e-05 mg/kg	0.000000002 %		
									Total:	0.0613 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0183%)

Classification of sample: ABH29[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH29[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.2 mg/kg	2.554	5.618 mg/kg	0.000562 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		49 mg/kg	2.774	135.933 mg/kg	0.0136 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		10.1 pH		10.1 pH	10.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.25	ng/kg		<2.5e-07	mg/kg	<2.5e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				0.391	ng/kg		3.91e-07	mg/kg	3.91e-11 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				3.84	ng/kg		3.84e-06	mg/kg	3.84e-10 %		
				35822-46-9									
45		OCDD				28.6	ng/kg		2.86e-05	mg/kg	0.000000002 %		
				3268-87-9									
46		2,3,7,8-TeCDF				0.84	ng/kg		8.4e-07	mg/kg	8.4e-11 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				0.211	ng/kg		2.11e-07	mg/kg	2.11e-11 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				0.358	ng/kg		3.58e-07	mg/kg	3.58e-11 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				0.156	ng/kg		1.56e-07	mg/kg	1.56e-11 %		
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		0.287	ng/kg		2.87e-07 mg/kg	2.87e-11 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.532	ng/kg		5.32e-07 mg/kg	5.32e-11 %		
54		OCDF		39001-02-0		6.76	ng/kg		6.76e-06 mg/kg	6.76e-10 %		
									Total:	0.0332 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH29[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH29[3]
Sample Depth:
3.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.8 mg/kg	1.5	7.201 mg/kg	0.00072 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3 mg/kg	2.554	7.662 mg/kg	0.000766 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		73 mg/kg	2.774	202.513 mg/kg	0.0203 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				0.029	mg/kg		0.029	mg/kg	0.0000029 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0428 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH29[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH29[4]
Sample Depth:
6.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	6.001 mg/kg	0.0006 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.9 mg/kg	2.554	7.406 mg/kg	0.000741 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66 mg/kg	2.774	183.094 mg/kg	0.0183 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0424 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH29[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH29[5]
Sample Depth:
11.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.95 mg/kg	1.142	1.085 mg/kg	0.000109 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18 mg/kg	1.126	20.266 mg/kg	0.00203 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7 mg/kg	1.5	4.051 mg/kg	0.000405 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.6 mg/kg	2.554	4.086 mg/kg	0.000409 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		53 mg/kg	2.774	147.03 mg/kg	0.0147 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0334 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH29[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH29[6]
Sample Depth:
26.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.34 mg/kg	1.142	0.388 mg/kg	0.0000388 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	96 mg/kg	1.56	149.742 mg/kg	0.0096 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.28 mg/kg	1.353	0.379 mg/kg	0.0000379 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	68.454 mg/kg	0.00685 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		90 mg/kg	2.774	249.673 mg/kg	0.025 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0519 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP38

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP38
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	78 mg/kg	1.56	121.666 mg/kg	0.0078 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.45 mg/kg	2.554	1.149 mg/kg	0.000115 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0442 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP38[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP38[2]
Sample Depth:
2.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		12 mg/kg	2.554	30.646 mg/kg	0.00306 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.014	mg/kg		0.014	mg/kg	0.0000014 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0438 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP39

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP39
Sample Depth:
0.9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.601 mg/kg	0.00066 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.041	mg/kg		0.041	mg/kg	0.0000041 %		
			201-581-5	85-01-8									
23		anthracene				0.021	mg/kg		0.021	mg/kg	0.0000021 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0411 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP39[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP39[2]
Sample Depth:
1.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.8 mg/kg	1.5	7.201 mg/kg	0.00072 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43 mg/kg	2.976	127.979 mg/kg	0.0128 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		9.6 mg/kg	2.554	24.517 mg/kg	0.00245 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65 mg/kg	2.774	180.32 mg/kg	0.018 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
25		pyrene				0.044	mg/kg		0.044	mg/kg	0.0000044 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0443 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/603

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/603
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
4	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	38 mg/kg	1.56	59.273 mg/kg	0.0038 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		106 mg/kg	2.774	294.06 mg/kg	0.0294 %		
9	TPH (C6 to C40) petroleum group			TPH		0.278 mg/kg		0.278 mg/kg	0.0000278 %		
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	naphthalene	601-052-00-2	202-049-5	91-20-3		0.007 mg/kg		0.007 mg/kg	0.0000007 %		
16	acenaphthylene		205-917-1	208-96-8		0.004 mg/kg		0.004 mg/kg	0.0000004 %		
17	acenaphthene		201-469-6	83-32-9		0.001 mg/kg		0.001 mg/kg	0.0000001 %		
18	fluorene		201-695-5	86-73-7		0.006 mg/kg		0.006 mg/kg	0.0000006 %		
19	phenanthrene		201-581-5	85-01-8		0.045 mg/kg		0.045 mg/kg	0.0000045 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		anthracene				0.008	mg/kg		0.008	mg/kg	0.0000008 %		
			204-371-1	120-12-7									
21		fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
22		pyrene				0.042	mg/kg		0.042	mg/kg	0.0000042 %		
			204-927-3	129-00-0									
23		benzo[a]anthracene				0.039	mg/kg		0.039	mg/kg	0.0000039 %		
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				0.044	mg/kg		0.044	mg/kg	0.0000044 %		
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				0.025	mg/kg		0.025	mg/kg	0.0000025 %		
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				0.011	mg/kg		0.011	mg/kg	0.0000011 %		
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				0.008	mg/kg		0.008	mg/kg	0.0000008 %		
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				0.003	mg/kg		0.003	mg/kg	0.0000003 %		
			205-883-8	191-24-2									
29		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
30		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
31		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
32		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
33		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
34		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0534 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00002%)

Classification of sample: NBH102

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH102
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.2 mg/kg	1.197	5.028 mg/kg	0.000503 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	31 mg/kg	1.56	48.354 mg/kg	0.0031 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<	1.353	<	<		**ND**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		67 mg/kg	2.774	185.868 mg/kg	0.0186 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		10.1 pH		10.1 pH	10.1 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0426 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH206

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH206
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29 mg/kg	1.32	38.289 mg/kg	0.00383 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		55 mg/kg	1.126	61.924 mg/kg	0.00619 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	180 mg/kg	1.56	280.767 mg/kg	0.018 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.91 mg/kg	1.353	1.232 mg/kg	0.000123 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7 mg/kg	1.5	5.551 mg/kg	0.000555 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53 mg/kg	2.976	157.742 mg/kg	0.0158 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.76 mg/kg	2.554	1.941 mg/kg	0.000194 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130 mg/kg	2.774	360.639 mg/kg	0.0361 %		
11	TPH (C6 to C40) petroleum group			TPH		266.9 mg/kg		266.9 mg/kg	0.0267 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.1 pH		8.1 pH	8.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		0.29 mg/kg		0.29 mg/kg	0.000029 %		
19	acenaphthylene		205-917-1	208-96-8		0.14 mg/kg		0.14 mg/kg	0.000014 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
			201-469-6	83-32-9									
21		fluorene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		**<LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.108 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0267%)

Classification of sample: NBH206[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH206[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	32 mg/kg	1.56	49.914 mg/kg	0.0032 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.39 mg/kg	1.353	0.528 mg/kg	0.0000528 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.21 mg/kg	2.554	0.536 mg/kg	0.0000536 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		44 mg/kg	2.774	122.062 mg/kg	0.0122 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			201-581-5	85-01-8									
22		anthracene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			204-371-1	120-12-7									
23		fluoranthene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			205-912-4	206-44-0									
24		pyrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0316 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH207

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH207
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	47 mg/kg	1.56	73.311 mg/kg	0.0047 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		120 mg/kg	2.774	332.898 mg/kg	0.0333 %		
11	TPH (C6 to C40) petroleum group			TPH		21.2 mg/kg		21.2 mg/kg	0.00212 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		0.38 mg/kg		0.38 mg/kg	0.000038 %		
19	acenaphthylene		205-917-1	208-96-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			201-469-6	83-32-9									
21		fluorene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.44	mg/kg		0.44	mg/kg	0.000044 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0603 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00212%)

Classification of sample: NBH207[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH207[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59 mg/kg	2.774	163.675 mg/kg	0.0164 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0354 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

2,3,7,8-TeCDD (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,7,8-PeCDD (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,4,7,8-HxCDD (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDD (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,6,7,8-HpCDD (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDD (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

2,3,7,8-TeCDF (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8-PeCDF (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

2,3,4,7,8-PeCDF (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

1,2,3,4,7,8-HxCDF (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,6,7,8-HxCDF** (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8,9-HxCDF** (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **2,3,4,6,7,8-HxCDF** (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,4,7,8,9-HpCDF** (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

- **OCDF** (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

- **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

ZN6G3-KGBWN-58717

Job name

Metrolink - Intervention Shaft_Albert College

Description/Comments

Project

Metrolink

Site

Intervention Shaft_Albert College

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 13:42 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:	-
Course	**Date**
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH30	21.9	Non Hazardous		2
2	ABH30i	0.5	Non Hazardous		4
3	ABH30i[2]	1	Non Hazardous		6
4	ABH30i[3]	2	Non Hazardous		8
5	ABH30i[4]	5	Non Hazardous		10
6	ABH30i[5]	13	Non Hazardous		12
7	ABH30i[6]	28	Non Hazardous		14
8	ATP39i	0.5	Non Hazardous		16
9	ATP39i[2]	1.5	Non Hazardous		18
10	MGI/BH/604	1	Non Hazardous		20
11	MGI/BH/612	1	Non Hazardous		22
12	NBH208	0.5	Non Hazardous		24
13	NBH208[2]	6.8	Non Hazardous		26
14	NBH209	0.5	Non Hazardous		27

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 13:42 GMT

Classification of sample: ABH30

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH30
Sample Depth:
21.9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.4 mg/kg	1.197	5.267 mg/kg	0.000527 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		32 mg/kg	1.32	42.25 mg/kg	0.00423 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		47 mg/kg	1.126	52.917 mg/kg	0.00529 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	41 mg/kg	1.56	63.952 mg/kg	0.0041 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		32 mg/kg	2.976	95.24 mg/kg	0.00952 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.89 mg/kg	2.554	2.273 mg/kg	0.000227 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		96 mg/kg	2.774	266.318 mg/kg	0.0266 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.2 pH		9.2 pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0534 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH30i

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH30i
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.3 mg/kg	1.197	5.148 mg/kg	0.000515 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.8 mg/kg	1.5	7.201 mg/kg	0.00072 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.76 mg/kg	2.554	1.941 mg/kg	0.000194 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		63 mg/kg	2.774	174.771 mg/kg	0.0175 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0413 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH30i[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH30i[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14 mg/kg	1.56	21.837 mg/kg	0.0014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.34 mg/kg	2.554	0.868 mg/kg	0.0000868 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54 mg/kg	2.774	149.804 mg/kg	0.015 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0356 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH30i[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH30i[3]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7 mg/kg	1.5	5.551 mg/kg	0.000555 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.62 mg/kg	2.554	1.583 mg/kg	0.000158 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0409 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH30i[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH30i[4]
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7 mg/kg	2.554	4.342 mg/kg	0.000434 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		75 mg/kg	2.774	208.061 mg/kg	0.0208 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0425 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH30i[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH30i[5]
Sample Depth:
13 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47 mg/kg	1.32	62.055 mg/kg	0.00621 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.2 mg/kg	1.142	3.655 mg/kg	0.000366 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15 mg/kg	1.126	16.888 mg/kg	0.00169 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		300 mg/kg	2.774	832.244 mg/kg	0.0832 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.105 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH30i[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH30i[6]
Sample Depth:
28 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.4 mg/kg	1.197	7.661 mg/kg	0.000766 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.7 mg/kg	1.142	4.227 mg/kg	0.000423 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.7 mg/kg	1.462	9.792 mg/kg	0.000979 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		46 mg/kg	1.126	51.791 mg/kg	0.00518 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		12 mg/kg	1.5	18.002 mg/kg	0.0018 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.3 mg/kg	2.554	10.982 mg/kg	0.0011 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100 mg/kg	2.774	277.415 mg/kg	0.0277 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0559 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP39i

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP39i
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.2 mg/kg	1.197	3.831 mg/kg	0.000383 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.6 mg/kg	1.142	2.97 mg/kg	0.000297 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		41 mg/kg	1.126	46.161 mg/kg	0.00462 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7 mg/kg	1.5	7.051 mg/kg	0.000705 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.71 mg/kg	2.554	1.813 mg/kg	0.000181 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78 mg/kg	2.774	216.383 mg/kg	0.0216 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0521 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP39i[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP39i[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.6 mg/kg	1.142	2.97 mg/kg	0.000297 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35 mg/kg	1.126	39.406 mg/kg	0.00394 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.8 mg/kg	1.5	8.701 mg/kg	0.00087 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.62 mg/kg	2.554	1.583 mg/kg	0.000158 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66 mg/kg	2.774	183.094 mg/kg	0.0183 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0471 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/604

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/604
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<LOD
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35	mg/kg	1.126	39.406	mg/kg	0.00394 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30	mg/kg	1.56	46.794	mg/kg	0.003 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53	mg/kg	2.976	157.742	mg/kg	0.0158 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		106	mg/kg	2.774	294.06	mg/kg	0.0294 %		
9		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
13		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
14		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		acenaphthylene		205-917-1	208-96-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		acenaphthene		201-469-6	83-32-9		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		fluorene		201-695-5	86-73-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		phenanthrene		201-581-5	85-01-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19		anthracene		204-371-1	120-12-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
21		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
22		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
23		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
24		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
28		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
29		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
30		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
31		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
32		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
33		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0526 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/612

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/612
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5	mg/kg	1.32	<0.66	mg/kg	<0.000066 %		<LOD
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3	mg/kg	1.142	3.427	mg/kg	0.000343 %		
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20	mg/kg	1.126	22.518	mg/kg	0.00225 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	31	mg/kg	1.56	48.354	mg/kg	0.0031 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45	mg/kg	2.976	133.932	mg/kg	0.0134 %		
7		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		108	mg/kg	2.774	299.608	mg/kg	0.03 %		
9		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
13		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
14		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		acenaphthylene		205-917-1	208-96-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		acenaphthene		201-469-6	83-32-9		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		fluorene		201-695-5	86-73-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		phenanthrene		201-581-5	85-01-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19		anthracene		204-371-1	120-12-7		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
21		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
22		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
23		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
24		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
28		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
29		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
30		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
31		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
32		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
33		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0493 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH208
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.8 mg/kg	1.197	4.549 mg/kg	0.000455 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.856 mg/kg	0.000286 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		10 mg/kg	1.5	15.002 mg/kg	0.0015 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65 mg/kg	2.774	180.32 mg/kg	0.018 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0466 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH208[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH208[2]
Sample Depth:
6.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1	●	pH		PH		8.5 pH		8.5 pH	8.5 pH		
								Total:	0%		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: NBH209

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH209
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.8 mg/kg	1.142	3.199 mg/kg	0.00032 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.5 mg/kg	1.5	8.251 mg/kg	0.000825 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.8 pH		8.8 pH	8.8 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0457 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

HFSH7-INHT0-NPERA

Job name

Metrolink - Griffiths Park

Description/Comments

Project

Metrolink

Site

Griffiths Park

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 11:51 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH32	0.5	Non Hazardous		2
2	ABH32[2]	1.5	Non Hazardous		4
3	ABH32[3]	2.5	Non Hazardous		6
4	ABH32[4]	14.5	Hazardous	HP 3(i), HP 7, HP 11	8
5	ABH33	0.5	Non Hazardous		11
6	ABH33[2]	2	Non Hazardous		13
7	ABH33[3]	3.6	Non Hazardous		15
8	ABH33[4]	4.5	Non Hazardous		17
9	ABH33[5]	10.5	Non Hazardous		19
10	ABH33[6]	26.5	Non Hazardous		21
11	NBH17	1	Non Hazardous		23
12	NBH211	0.5	Non Hazardous		25
13	NBH211[2]	1	Non Hazardous		27
14	NBH223	0.5	Non Hazardous		29

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 11:51 GMT

Classification of sample: ABH32

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH32
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3 mg/kg	1.5	4.501 mg/kg	0.00045 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.31 mg/kg	2.554	0.792 mg/kg	0.0000792 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		67 mg/kg	2.774	185.868 mg/kg	0.0186 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		0.026 mg/kg		0.026 mg/kg	0.0000026 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0397 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH32[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH32[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18 mg/kg	1.56	28.077 mg/kg	0.0018 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41 mg/kg	2.976	122.027 mg/kg	0.0122 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		69 mg/kg	2.774	191.416 mg/kg	0.0191 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0418 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH32[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH32[3]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.1 mg/kg	1.142	3.541 mg/kg	0.000354 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2 mg/kg	2.554	5.108 mg/kg	0.000511 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		270 mg/kg	2.774	749.02 mg/kg	0.0749 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		0.011 mg/kg		0.011 mg/kg	0.0000011 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				0.039	mg/kg		0.039	mg/kg	0.0000039 %		
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0942 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH32[4]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH32[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
14.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 2.208%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 2.208%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 3.1e-07%)
toluene: (conc.: 1.2e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 2.208%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.98 mg/kg	1.142	1.119 mg/kg	0.000112 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
6		copper { dicopper oxide; copper (I) oxide }				17	mg/kg	1.126	19.14	mg/kg	0.00191 %		
		029-002-00-X	215-270-7	1317-39-1									
7		lead { lead chromate }			1	15	mg/kg	1.56	23.397	mg/kg	0.0015 %		
		082-004-00-2	231-846-0	7758-97-6									
8		mercury { mercury dichloride }				0.06	mg/kg	1.353	0.0812	mg/kg	0.00000812 %		
		080-010-00-X	231-299-8	7487-94-7									
9		molybdenum { molybdenum(VI) oxide }				3.4	mg/kg	1.5	5.101	mg/kg	0.00051 %		
		042-001-00-9	215-204-7	1313-27-5									
10		nickel { nickel chromate }				33	mg/kg	2.976	98.217	mg/kg	0.00982 %		
		028-035-00-7	238-766-5	14721-18-7									
11		selenium { nickel selenate }				1.9	mg/kg	2.554	4.852	mg/kg	0.000485 %		
		028-031-00-5	239-125-2	15060-62-5									
12		zinc { zinc chromate }				51	mg/kg	2.774	141.481	mg/kg	0.0141 %		
		024-007-00-3	236-878-9	13530-65-9									
13		TPH (C6 to C40) petroleum group				22080	mg/kg		22080	mg/kg	2.208 %		
				TPH									
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
15		benzene				0.0031	mg/kg		0.0031	mg/kg	0.00000031 %		
		601-020-00-8	200-753-7	71-43-2									
16		toluene				0.0012	mg/kg		0.0012	mg/kg	0.00000012 %		
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		pH				8.7	pH		8.7	pH	8.7 pH		
				PH									
19		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
										Total:	2.241 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Potentially Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH33

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH33	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		56 mg/kg	1.126	63.05 mg/kg	0.0063 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	90 mg/kg	1.56	140.383 mg/kg	0.009 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.28 mg/kg	1.353	0.379 mg/kg	0.0000379 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.8 mg/kg	2.554	2.043 mg/kg	0.000204 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		140 mg/kg	2.774	388.381 mg/kg	0.0388 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.057	mg/kg		0.057	mg/kg	0.0000057 %		
			201-581-5	85-01-8									
23		anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-371-1	120-12-7									
24		fluoranthene				0.069	mg/kg		0.069	mg/kg	0.0000069 %		
			205-912-4	206-44-0									
25		pyrene				0.092	mg/kg		0.092	mg/kg	0.0000092 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.057	mg/kg		0.057	mg/kg	0.0000057 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.057	mg/kg		0.057	mg/kg	0.0000057 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.069	mg/kg		0.069	mg/kg	0.0000069 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.057	mg/kg		0.057	mg/kg	0.0000057 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0774 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH33[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH33[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.2 mg/kg	2.554	8.172 mg/kg	0.000817 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		69 mg/kg	2.774	191.416 mg/kg	0.0191 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
37		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
38		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0434 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH33[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH33[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3.6 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.89 mg/kg	1.142	1.017 mg/kg	0.000102 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.3 mg/kg	1.462	12.131 mg/kg	0.00121 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		8.2 mg/kg	1.126	9.232 mg/kg	0.000923 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	6.7 mg/kg	1.56	10.451 mg/kg	0.00067 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2 mg/kg	1.5	3 mg/kg	0.0003 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		12 mg/kg	2.976	35.715 mg/kg	0.00357 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		23 mg/kg	2.774	63.805 mg/kg	0.00638 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		10 pH		10 pH	10pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0168 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH33[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH33[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16 mg/kg	1.56	24.957 mg/kg	0.0016 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.3 mg/kg	2.554	5.874 mg/kg	0.000587 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0389 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH33[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH33[5]
Sample Depth:
10.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29 mg/kg	1.32	38.289 mg/kg	0.00383 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	13 mg/kg	1.56	20.278 mg/kg	0.0013 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.47 mg/kg	2.554	1.2 mg/kg	0.00012 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.044	mg/kg		0.044	mg/kg	0.0000044 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0363 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH33[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH33[6]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
26.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.591 mg/kg	0.000359 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		13 mg/kg	1.126	14.637 mg/kg	0.00146 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	13 mg/kg	1.56	20.278 mg/kg	0.0013 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.5 mg/kg	1.5	6.751 mg/kg	0.000675 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26 mg/kg	2.976	77.383 mg/kg	0.00774 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.6 mg/kg	2.554	6.64 mg/kg	0.000664 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		31 mg/kg	2.774	85.999 mg/kg	0.0086 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
										Total:	0.0253 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH17

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH17

Sample Depth:
1 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.01 mg/kg	1.197	<0.012 mg/kg	<0.0000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28 mg/kg	1.56	43.675 mg/kg	0.0028 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<	1.353	<	<		**ND**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			201-581-5	85-01-8									
22		anthracene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
			204-371-1	120-12-7									
23		fluoranthene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
			205-912-4	206-44-0									
24		pyrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.036 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH211

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH211
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		54 mg/kg	1.126	60.798 mg/kg	0.00608 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	110 mg/kg	1.56	171.58 mg/kg	0.011 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.39 mg/kg	1.353	0.528 mg/kg	0.0000528 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58 mg/kg	2.976	172.623 mg/kg	0.0173 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130 mg/kg	2.774	360.639 mg/kg	0.0361 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		7.9 pH		7.9 pH	7.9 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.33 mg/kg		0.33 mg/kg	0.000033 %		
18	acenaphthylene		205-917-1	208-96-8		0.07 mg/kg		0.07 mg/kg	0.000007 %		
19	acenaphthene		201-469-6	83-32-9		0.08 mg/kg		0.08 mg/kg	0.000008 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			204-371-1	120-12-7									
23		fluoranthene				0.68	mg/kg		0.68	mg/kg	0.000068 %		
			205-912-4	206-44-0									
24		pyrene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0754 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH211[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH211[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.31 mg/kg	2.554	0.792 mg/kg	0.0000792 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65 mg/kg	2.774	180.32 mg/kg	0.018 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.3 pH		8.3 pH	8.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0372 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH223

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
NBH223	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.66 mg/kg	1.142	0.754 mg/kg	0.0000754 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		10 mg/kg	1.126	11.259 mg/kg	0.00113 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		49 mg/kg	2.774	135.933 mg/kg	0.0136 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.7 pH		8.7 pH	8.7 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.028 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

- **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

XVS6G-9NVGL-N2P3J

Job name

Metrolink - Glasnevin

Description/Comments

Project

Metrolink

Site

Glasnevin

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 11:47 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH35	19	Non Hazardous		4
2	ABH37	0.5	Non Hazardous		7
3	ABH37[2]	1.5	Non Hazardous		10
4	ABH37[3]	4.5	Non Hazardous		12
5	ABH37[4]	5.5	Non Hazardous		14
6	ABH37[5]	10.5	Non Hazardous		16
7	ABH37[6]	22.1	Non Hazardous		18
8	ABH38	0.5	Non Hazardous		20
9	ABH38[2]	2	Non Hazardous		22
10	ABH38[3]	4	Non Hazardous		24
11	ABH38[4]	15.2	Non Hazardous		26
12	ABH38[5]	24.3	Non Hazardous		28
13	ABH38[6]	29.1	Non Hazardous		30
14	NBH18	0.5	Non Hazardous		32
15	NBH18[2]	1	Non Hazardous		35
16	NBH20	0.3	Non Hazardous		37
17	NBH20[2]	1	Non Hazardous		39
18	GBH01	0.5	Non Hazardous		41
19	GBH01[2]	2	Non Hazardous		44
20	GBH01[3]	5	Non Hazardous		46
21	GBH01[4]	9.4	Non Hazardous		48
22	GBH01[5]	16.6	Non Hazardous		49
23	GBH02	0.5	Non Hazardous		50
24	GBH02[2]	2	Non Hazardous		52
25	GBH02[3]	5	Non Hazardous		54
26	GBH02[4]	11	Non Hazardous		56
27	GBH04	0.5	Non Hazardous		57
28	GBH04[2]	1	Non Hazardous		59
29	GBH04[3]	2.5	Non Hazardous		61
30	GBH05	1.2	Hazardous	HP 3(i), HP 7, HP 11	63
31	GBH06	0.5	Non Hazardous		66
32	GBH06[2]	3	Non Hazardous		68
33	GBH06[3]	7.3	Non Hazardous		70
34	GBH06[4]	11.2	Non Hazardous		71

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
35	GBH07	1.5	Non Hazardous		72
36	GBH08	1.5	Non Hazardous		74
37	GBH09	0.5	Non Hazardous		76
38	GBH09[2]	2	Non Hazardous		78
39	GBH09[3]	9.6	Non Hazardous		80
40	GBH10	1.5	Non Hazardous		81
41	GBH11	0.5	Non Hazardous		83
42	GBH11[2]	2	Non Hazardous		85
43	GBH11[3]	4	Non Hazardous		86
44	GBH11[4]	12.5	Non Hazardous		87
45	GBH12	1.2	Non Hazardous		88
46	GBH13	0.5	Non Hazardous		90
47	GBH13[2]	1	Non Hazardous		92
48	GBH14	1.2	Non Hazardous		94
49	GBH15	2	Non Hazardous		96
50	GBH16	1.5	Non Hazardous		98
51	GBH17	2.1	Non Hazardous		100
52	GBH18	1	Non Hazardous		102
53	GBH18[2]	1.7	Non Hazardous		104
54	GBH19	2	Non Hazardous		106
55	GBH22	1.8	Non Hazardous		108
56	GBH23	1.8	Non Hazardous		110
57	GBH24	2	Non Hazardous		112
58	GBH27	1.2	Non Hazardous		114
59	GBH28	1.2	Non Hazardous		116
60	GBH29	1.8	Non Hazardous		118
61	GBH30	0.5	Non Hazardous		120
62	GBH30[2]	1	Non Hazardous		122
63	GBH31	1	Non Hazardous		124
64	GBH32	1	Non Hazardous		126
65	GTP01	0.5	Non Hazardous		128
66	GTP03	1	Non Hazardous		130
67	GTP04	0.5	Non Hazardous		132
68	GTP04[2]	1	Non Hazardous		134
69	GTP05	0.5	Non Hazardous		136
70	GTP06	1	Non Hazardous		138
71	GTP07	0.5	Non Hazardous		140
72	GTP07[2]	1	Non Hazardous		142
73	GTP09	0.5	Non Hazardous		144
74	GTP09[2]	1	Non Hazardous		146
75	GTP11	0.4	Non Hazardous		148
76	GTP12	0.5	Non Hazardous		150
77	GTP13	1	Non Hazardous		152
78	GTP14	0.5	Non Hazardous		154
79	GTP16	0.4	Non Hazardous		156
80	GTP19	0.5	Non Hazardous		158
81	GTP20	0.5	Non Hazardous		160
82	GTP21	0.5	Non Hazardous		162
83	GTP22	0.5	Non Hazardous		164
84	GTP23	1	Non Hazardous		167
85	GTP24	1	Non Hazardous		170
86	GTP25	0.5	Non Hazardous		173
87	GTP25[2]	1	Non Hazardous		176
88	NBH104	0.3	Non Hazardous		179
89	NBH19A	0.3	Non Hazardous		182
90	NBH19A[2]	0.5	Non Hazardous		185
91	NBH213	0.5	Non Hazardous		188
92	TPCC04	0.6	Non Hazardous		190
93	TPCC06	0.2	Non Hazardous		193
94	TPCC12	0.4	Non Hazardous		195

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 11:47 GMT

Classification of sample: ABH35

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH35
Sample Depth:
19 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5.3 mg/kg	1.197	6.345 mg/kg	0.000634 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	5.9 mg/kg	1.56	9.203 mg/kg	0.00059 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.8 mg/kg	1.5	11.701 mg/kg	0.00117 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33 mg/kg	2.976	98.217 mg/kg	0.00982 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.69 mg/kg	2.554	1.762 mg/kg	0.000176 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		46 mg/kg	2.469	113.588 mg/kg	0.0114 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		1,1-dichloroethane and 1,2-dichloroethane (combined)				0.026	mg/kg		0.026	mg/kg	0.0000026 %		
			203-458-1, 200-863-5	107-06-2, 75-34-3									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0319 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,1-dichloroethane and 1,2-dichloroethane (combined): (conc.: 2.6e-06%)

Classification of sample: ABH37

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH37	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4 mg/kg	1.197	4.788 mg/kg	0.000479 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		51 mg/kg	1.32	67.337 mg/kg	0.00673 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		110 mg/kg	1.126	123.848 mg/kg	0.0124 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	320 mg/kg	1.56	499.141 mg/kg	0.032 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.5 mg/kg	1.353	2.03 mg/kg	0.000203 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.1 mg/kg	1.5	9.151 mg/kg	0.000915 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		66 mg/kg	2.976	196.433 mg/kg	0.0196 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.84 mg/kg	2.554	2.145 mg/kg	0.000215 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		150 mg/kg	2.469	370.394 mg/kg	0.037 %		
13	TPH (C6 to C40) petroleum group			TPH		616 mg/kg		616 mg/kg	0.0616 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.6 pH		8.6 pH	8.6 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		naphthalene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			205-917-1	208-96-8									
21		acenaphthene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			201-469-6	83-32-9									
22		fluorene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			201-695-5	86-73-7									
23		phenanthrene				4	mg/kg		4	mg/kg	0.0004 %		
			201-581-5	85-01-8									
24		anthracene				0.73	mg/kg		0.73	mg/kg	0.000073 %		
			204-371-1	120-12-7									
25		fluoranthene				5.6	mg/kg		5.6	mg/kg	0.00056 %		
			205-912-4	206-44-0									
26		pyrene				5.1	mg/kg		5.1	mg/kg	0.00051 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				2.9	mg/kg		2.9	mg/kg	0.00029 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				3.9	mg/kg		3.9	mg/kg	0.00039 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				3.5	mg/kg		3.5	mg/kg	0.00035 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				2	mg/kg		2	mg/kg	0.0002 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				2.1	mg/kg		2.1	mg/kg	0.00021 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.178 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0616%)

Classification of sample: ABH37[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH37[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.856 mg/kg	0.000286 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28 mg/kg	1.56	43.675 mg/kg	0.0028 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.9 mg/kg	1.5	7.351 mg/kg	0.000735 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53 mg/kg	2.976	157.742 mg/kg	0.0158 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.5 mg/kg	2.554	1.277 mg/kg	0.000128 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		98 mg/kg	2.469	241.991 mg/kg	0.0242 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0546 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH37[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH37[3]
Sample Depth:
4.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<LOD
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23	mg/kg	1.126	25.895	mg/kg	0.00259 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	56	mg/kg	1.56	87.35	mg/kg	0.0056 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9	mg/kg	1.5	5.851	mg/kg	0.000585 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43	mg/kg	2.976	127.979	mg/kg	0.0128 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8	mg/kg	2.554	4.597	mg/kg	0.00046 %		
12		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		pH			PH		8.7	pH		8.7	pH	8.7 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0548 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH37[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH37[4]
Sample Depth:
5.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33 mg/kg	2.976	98.217 mg/kg	0.00982 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		62 mg/kg	2.469	153.096 mg/kg	0.0153 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0345 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH37[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH37[5]
Sample Depth:
10.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.8 mg/kg	1.462	14.323 mg/kg	0.00143 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		100 mg/kg	1.126	112.589 mg/kg	0.0113 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		8.1 mg/kg	1.353	10.963 mg/kg	0.0011 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.55 mg/kg	2.554	1.405 mg/kg	0.00014 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		100 mg/kg	2.469	246.93 mg/kg	0.0247 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0528 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH37[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH37[6]
Sample Depth:
22.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.9 mg/kg	1.197	4.669 mg/kg	0.000467 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	47 mg/kg	1.56	73.311 mg/kg	0.0047 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.62 mg/kg	1.353	0.839 mg/kg	0.0000839 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		12 mg/kg	1.5	18.002 mg/kg	0.0018 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		66 mg/kg	2.976	196.433 mg/kg	0.0196 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		7.4 mg/kg	2.554	18.898 mg/kg	0.00189 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		45 mg/kg	2.469	111.118 mg/kg	0.0111 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0478 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH38

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH38
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		49 mg/kg	1.126	55.169 mg/kg	0.00552 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	310 mg/kg	1.56	483.543 mg/kg	0.031 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110 mg/kg	2.469	271.623 mg/kg	0.0272 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.078	mg/kg		0.078	mg/kg	0.0000078 %		
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				0.089	mg/kg		0.089	mg/kg	0.0000089 %		
			205-912-4	206-44-0									
25		pyrene				0.067	mg/kg		0.067	mg/kg	0.0000067 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.056	mg/kg		0.056	mg/kg	0.0000056 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.067	mg/kg		0.067	mg/kg	0.0000067 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.089	mg/kg		0.089	mg/kg	0.0000089 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.056	mg/kg		0.056	mg/kg	0.0000056 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0779 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH38[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH38[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.8 mg/kg	1.142	3.199 mg/kg	0.00032 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40 mg/kg	1.126	45.036 mg/kg	0.0045 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.7 mg/kg	1.5	8.551 mg/kg	0.000855 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.64 mg/kg	2.554	1.634 mg/kg	0.000163 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		85 mg/kg	2.469	209.89 mg/kg	0.021 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.052 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH38[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH38[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36 mg/kg	1.126	40.532 mg/kg	0.00405 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.7 mg/kg	1.5	8.551 mg/kg	0.000855 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.8 mg/kg	2.554	12.258 mg/kg	0.00123 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		79 mg/kg	2.469	195.074 mg/kg	0.0195 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0494 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH38[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH38[4]
Sample Depth:
15.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		80 mg/kg	1.126	90.071 mg/kg	0.00901 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34 mg/kg	1.56	53.034 mg/kg	0.0034 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		93 mg/kg	2.469	229.645 mg/kg	0.023 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0587 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH38[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH38[5]
Sample Depth:
24.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		7.5	mg/kg	1.197	8.978	mg/kg	0.000898 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27	mg/kg	1.32	35.649	mg/kg	0.00356 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		6.9	mg/kg	1.142	7.882	mg/kg	0.000788 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26	mg/kg	1.462	38	mg/kg	0.0038 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		55	mg/kg	1.126	61.924	mg/kg	0.00619 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22	mg/kg	1.56	34.316	mg/kg	0.0022 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07	mg/kg	1.353	0.0947	mg/kg	0.00000947 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		30	mg/kg	1.5	45.006	mg/kg	0.0045 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		90	mg/kg	2.976	267.864	mg/kg	0.0268 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		18	mg/kg	2.554	45.969	mg/kg	0.0046 %		
12		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		250	mg/kg	2.469	617.324	mg/kg	0.0617 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		8.9	pH		8.9	pH	8.9 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.115 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH38[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH38[6]
Sample Depth:
29.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4	mg/kg	1.197	4.788	mg/kg	0.000479 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15	mg/kg	1.32	19.805	mg/kg	0.00198 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1	mg/kg	1.142	1.257	mg/kg	0.000126 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	9.1	mg/kg	1.56	14.194	mg/kg	0.00091 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		10	mg/kg	1.5	15.002	mg/kg	0.0015 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36	mg/kg	2.976	107.146	mg/kg	0.0107 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		13	mg/kg	2.554	33.2	mg/kg	0.00332 %		
12		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		120	mg/kg	2.469	296.316	mg/kg	0.0296 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		8.7	pH		8.7	pH	8.7 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0531 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH18

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH18
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.2 mg/kg	1.197	5.028 mg/kg	0.000503 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.3 mg/kg	1.142	3.77 mg/kg	0.000377 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		44 mg/kg	1.126	49.539 mg/kg	0.00495 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	38 mg/kg	1.56	59.273 mg/kg	0.0038 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.7 mg/kg	1.5	10.051 mg/kg	0.00101 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		62 mg/kg	2.976	184.528 mg/kg	0.0185 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<LOD
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110 mg/kg	2.469	271.623 mg/kg	0.0272 %		
11	TPH (C6 to C40) petroleum group			TPH		82.4 mg/kg		82.4 mg/kg	0.00824 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.068 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00824%)

Classification of sample: NBH18[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH18[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5.6 mg/kg	1.197	6.704 mg/kg	0.00067 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		41 mg/kg	1.32	54.133 mg/kg	0.00541 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		84 mg/kg	1.126	94.575 mg/kg	0.00946 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	330 mg/kg	1.56	514.739 mg/kg	0.033 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.51 mg/kg	1.353	0.69 mg/kg	0.000069 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		190 mg/kg	2.469	469.166 mg/kg	0.0469 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5 mg/kg	1.884	0.942 mg/kg	0.0000942 %		
16	pH			PH		6.1 pH		6.1 pH	6.1 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.111 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH20

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH20
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		78 mg/kg	1.32	102.985 mg/kg	0.0103 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.37 mg/kg	1.142	0.423 mg/kg	0.0000423 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		53 mg/kg	1.126	59.672 mg/kg	0.00597 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<LOD
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		170 mg/kg	2.469	419.78 mg/kg	0.042 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.8 pH		8.8 pH	8.8 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0776 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH20[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH20[2]

Sample Depth:
1 m

LoW Code:

Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8	mg/kg	1.197	3.352	mg/kg	0.000335 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22	mg/kg	1.32	29.047	mg/kg	0.0029 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		62	mg/kg	1.126	69.805	mg/kg	0.00698 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	140	mg/kg	1.56	218.374	mg/kg	0.014 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.49	mg/kg	1.353	0.663	mg/kg	0.0000663 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3	mg/kg	1.5	4.501	mg/kg	0.00045 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49	mg/kg	2.976	145.837	mg/kg	0.0146 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<**LOD**
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.3	pH		8.3	pH	8.3 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0669 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH01

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH01
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.9	mg/kg	1.197	3.472	mg/kg	0.000347 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27	mg/kg	1.32	35.649	mg/kg	0.00356 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7	mg/kg	1.142	1.942	mg/kg	0.000194 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		120	mg/kg	1.126	135.107	mg/kg	0.0135 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	460	mg/kg	1.56	717.515	mg/kg	0.046 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.97	mg/kg	1.353	1.313	mg/kg	0.000131 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4	mg/kg	1.5	6.001	mg/kg	0.0006 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46	mg/kg	2.976	136.908	mg/kg	0.0137 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.39	mg/kg	2.554	0.996	mg/kg	0.0000996 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
11		TPH (C6 to C40) petroleum group			TPH		59.2	mg/kg		59.2	mg/kg	0.00592 %		
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
17		pH			PH		8.7	pH		8.7	pH	8.7 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		0.41	mg/kg		0.41	mg/kg	0.000041 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			205-912-4	206-44-0									
25		pyrene				1	mg/kg		1	mg/kg	0.0001 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.94	mg/kg		0.94	mg/kg	0.000094 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.71	mg/kg		0.71	mg/kg	0.000071 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.112 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00592%)

Classification of sample: GBH01[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH01[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5	mg/kg	1.197	2.993	mg/kg	0.000299 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3	mg/kg	1.142	2.627	mg/kg	0.000263 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		50	mg/kg	1.126	56.294	mg/kg	0.00563 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	45	mg/kg	1.56	70.192	mg/kg	0.0045 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11	mg/kg	1.353	0.149	mg/kg	0.0000149 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		8.7	mg/kg	1.5	13.052	mg/kg	0.00131 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45	mg/kg	2.976	133.932	mg/kg	0.0134 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.6	mg/kg	2.554	9.194	mg/kg	0.000919 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		97	mg/kg	2.469	239.522	mg/kg	0.024 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.3	pH		8.3	pH	8.3 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
22		anthracene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		**<LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0531 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH01[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH01[3]
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5	mg/kg	1.197	2.993	mg/kg	0.000299 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5	mg/kg	1.142	2.856	mg/kg	0.000286 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28	mg/kg	1.126	31.525	mg/kg	0.00315 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	32	mg/kg	1.56	49.914	mg/kg	0.0032 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16	mg/kg	1.353	0.217	mg/kg	0.0000217 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.1	mg/kg	1.5	7.651	mg/kg	0.000765 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41	mg/kg	2.976	122.027	mg/kg	0.0122 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9	mg/kg	2.554	4.852	mg/kg	0.000485 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		86	mg/kg	2.469	212.359	mg/kg	0.0212 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.4	pH		8.4	pH	8.4 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
			201-581-5	85-01-8									
22		anthracene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0444 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH01[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GBH01[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
9.4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1	●	pH		PH		8.6 pH		8.6 pH	8.6 pH		
								Total:	0%		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: GBH01[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GBH01[5]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
16.6 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1	●	pH				8.5 pH		8.5 pH	8.5 pH		
				PH							
								Total:	0%		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: GBH02

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH02
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	110 mg/kg	1.56	171.58 mg/kg	0.011 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.33 mg/kg	1.353	0.447 mg/kg	0.0000447 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	6.001 mg/kg	0.0006 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.89 mg/kg	2.554	2.273 mg/kg	0.000227 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		62 mg/kg	2.469	153.096 mg/kg	0.0153 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21	●	phenanthrene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			201-581-5	85-01-8									
22	●	anthracene				0.51	mg/kg		0.51	mg/kg	0.000051 %		
			204-371-1	120-12-7									
23	●	fluoranthene				4.4	mg/kg		4.4	mg/kg	0.00044 %		
			205-912-4	206-44-0									
24	●	pyrene				4.3	mg/kg		4.3	mg/kg	0.00043 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				2.9	mg/kg		2.9	mg/kg	0.00029 %		
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0486 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH02[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH02[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		60 mg/kg	1.126	67.553 mg/kg	0.00676 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21 mg/kg	1.56	32.756 mg/kg	0.0021 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.1 mg/kg	1.5	7.651 mg/kg	0.000765 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		61 mg/kg	2.976	181.552 mg/kg	0.0182 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.44 mg/kg	2.554	1.124 mg/kg	0.000112 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		100 mg/kg	2.469	246.93 mg/kg	0.0247 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.8 pH		8.8 pH	8.8 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			205-912-4	206-44-0									
24		pyrene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0564 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH02[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH02[3]
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.78 mg/kg	1.142	0.891 mg/kg	0.0000891 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		7.9 mg/kg	1.126	8.895 mg/kg	0.000889 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	5.5 mg/kg	1.56	8.579 mg/kg	0.00055 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3 mg/kg	2.554	7.662 mg/kg	0.000766 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		40 mg/kg	2.469	98.772 mg/kg	0.00988 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.9 pH		8.9 pH	8.9 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0222 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH02[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH02[4]
Sample Depth:
11 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1	●	pH		PH		8.5 pH		8.5 pH	8.5 pH		
								Total:	0%		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: GBH04

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GBH04	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	170 mg/kg	1.56	265.169 mg/kg	0.017 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.76 mg/kg	1.353	1.029 mg/kg	0.000103 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.44 mg/kg	2.554	1.124 mg/kg	0.000112 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		80 mg/kg	2.469	197.544 mg/kg	0.0198 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
			201-581-5	85-01-8									
22		anthracene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			204-371-1	120-12-7									
23		fluoranthene				0.9	mg/kg		0.9	mg/kg	0.00009 %		
			205-912-4	206-44-0									
24		pyrene				0.78	mg/kg		0.78	mg/kg	0.000078 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0593 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH04[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
GBH04[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		56 mg/kg	1.126	63.05 mg/kg	0.0063 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	100 mg/kg	1.56	155.982 mg/kg	0.01 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.43 mg/kg	1.353	0.582 mg/kg	0.0000582 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.3 mg/kg	1.5	6.451 mg/kg	0.000645 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.41 mg/kg	2.554	1.047 mg/kg	0.000105 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		100 mg/kg	2.469	246.93 mg/kg	0.0247 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.3 pH		8.3 pH	8.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-371-1	120-12-7									
23		fluoranthene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0601 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH04[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
GBH04[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.7 mg/kg	1.142	3.084 mg/kg	0.000308 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		38 mg/kg	1.126	42.784 mg/kg	0.00428 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.5 mg/kg	1.5	9.751 mg/kg	0.000975 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		57 mg/kg	2.976	169.647 mg/kg	0.017 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.1 mg/kg	2.554	5.363 mg/kg	0.000536 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		80 mg/kg	2.469	197.544 mg/kg	0.0198 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0487 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH05

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
GBH05	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.383%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.383%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.383%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.8 mg/kg	1.197	5.746 mg/kg	0.000575 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.19 mg/kg	1.142	0.217 mg/kg	0.0000217 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		85 mg/kg	1.126	95.701 mg/kg	0.00957 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	97 mg/kg	1.56	151.302 mg/kg	0.0097 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.34 mg/kg	1.353	0.46 mg/kg	0.000046 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2 mg/kg	1.5	3 mg/kg	0.0003 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		62 mg/kg	2.976	184.528 mg/kg	0.0185 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.33	mg/kg	2.554	0.843	mg/kg	0.0000843 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		90	mg/kg	2.469	222.237	mg/kg	0.0222 %		
11		TPH (C6 to C40) petroleum group			TPH		3834	mg/kg		3834	mg/kg	0.383 %		
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
17		pH			PH		8.4	pH		8.4	pH	8.4 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		1.6	mg/kg		1.6	mg/kg	0.00016 %		
19		acenaphthylene		205-917-1	208-96-8		7.8	mg/kg		7.8	mg/kg	0.00078 %		
20		acenaphthene		201-469-6	83-32-9		1.5	mg/kg		1.5	mg/kg	0.00015 %		
21		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		phenanthrene		201-581-5	85-01-8		2.5	mg/kg		2.5	mg/kg	0.00025 %		
23		anthracene		204-371-1	120-12-7		4.2	mg/kg		4.2	mg/kg	0.00042 %		
24		fluoranthene		205-912-4	206-44-0		14	mg/kg		14	mg/kg	0.0014 %		
25		pyrene		204-927-3	129-00-0		15	mg/kg		15	mg/kg	0.0015 %		
26		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		9.7	mg/kg		9.7	mg/kg	0.00097 %		
27		chrysene	601-048-00-0	205-923-4	218-01-9		7.9	mg/kg		7.9	mg/kg	0.00079 %		
28		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		20	mg/kg		20	mg/kg	0.002 %		
29		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		8.3	mg/kg		8.3	mg/kg	0.00083 %		
30		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		22	mg/kg		22	mg/kg	0.0022 %		
31		indeno[123-cd]pyrene		205-893-2	193-39-5		17	mg/kg		17	mg/kg	0.0017 %		
32		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		4.9	mg/kg		4.9	mg/kg	0.00049 %		
33		benzo[ghi]perylene		205-883-8	191-24-2		20	mg/kg		20	mg/kg	0.002 %		
34		phenol	604-001-00-2	203-632-7	108-95-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
35		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.462 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH06

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH06
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2	mg/kg	1.142	2.513	mg/kg	0.000251 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31	mg/kg	1.126	34.903	mg/kg	0.00349 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29	mg/kg	1.56	45.235	mg/kg	0.0029 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14	mg/kg	1.353	0.189	mg/kg	0.0000189 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7	mg/kg	1.5	5.551	mg/kg	0.000555 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44	mg/kg	2.976	130.956	mg/kg	0.0131 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.56	mg/kg	2.554	1.43	mg/kg	0.000143 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		70	mg/kg	2.469	172.851	mg/kg	0.0173 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.8	pH		8.8	pH	8.8 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.041 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH06[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH06[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22	mg/kg	1.126	24.77	mg/kg	0.00248 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29	mg/kg	1.56	45.235	mg/kg	0.0029 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6	mg/kg	1.5	5.401	mg/kg	0.00054 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41	mg/kg	2.976	122.027	mg/kg	0.0122 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3	mg/kg	2.554	7.662	mg/kg	0.000766 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		74	mg/kg	2.469	182.728	mg/kg	0.0183 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.8	pH		8.8	pH	8.8 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0403 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH06[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GBH06[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
7.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1	●	pH		PH		8.4 pH		8.4 pH	8.4 pH		
								Total:	0%		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: GBH06[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GBH06[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
11.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1		pH				8.6 pH		8.6 pH	8.6 pH		
				PH							
								Total:	0%		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: GBH07

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH07
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.53 mg/kg	1.142	0.605 mg/kg	0.0000605 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		66 mg/kg	1.126	74.309 mg/kg	0.00743 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	54 mg/kg	1.56	84.23 mg/kg	0.0054 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.18 mg/kg	1.353	0.244 mg/kg	0.0000244 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		24 mg/kg	2.976	71.43 mg/kg	0.00714 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		90 mg/kg	2.469	222.237 mg/kg	0.0222 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.7 pH		8.7 pH	8.7 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22	●	anthracene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			204-371-1	120-12-7									
23	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0465 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH08

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH08
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20	mg/kg	1.126	22.518	mg/kg	0.00225 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16	mg/kg	1.56	24.957	mg/kg	0.0016 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7	mg/kg	1.5	4.051	mg/kg	0.000405 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39	mg/kg	2.976	116.074	mg/kg	0.0116 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9	mg/kg	2.554	4.852	mg/kg	0.000485 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		64	mg/kg	2.469	158.035	mg/kg	0.0158 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.2	pH		8.2	pH	8.2 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0353 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH09

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH09
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	61 mg/kg	1.56	95.149 mg/kg	0.0061 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.26 mg/kg	1.353	0.352 mg/kg	0.0000352 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33 mg/kg	2.976	98.217 mg/kg	0.00982 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.65 mg/kg	2.554	1.66 mg/kg	0.000166 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		80 mg/kg	2.469	197.544 mg/kg	0.0198 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0429 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH09[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH09[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22	mg/kg	1.32	29.047	mg/kg	0.0029 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2	mg/kg	1.142	1.371	mg/kg	0.000137 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16	mg/kg	1.126	18.014	mg/kg	0.0018 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21	mg/kg	1.56	32.756	mg/kg	0.0021 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7	mg/kg	1.5	4.051	mg/kg	0.000405 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33	mg/kg	2.976	98.217	mg/kg	0.00982 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.43	mg/kg	2.554	1.098	mg/kg	0.00011 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		50	mg/kg	2.469	123.465	mg/kg	0.0123 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.8	pH		8.8	pH	8.8 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0299 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH09[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GBH09[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
9.6 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1	●	pH		PH		8.5 pH		8.5 pH	8.5 pH		
								Total:	0%		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: GBH10

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH10
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.91 mg/kg	1.142	1.04 mg/kg	0.000104 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		**<LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		55 mg/kg	2.469	135.811 mg/kg	0.0136 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		**<LOD**
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0315 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH11

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH11
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		46 mg/kg	1.126	51.791 mg/kg	0.00518 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	50 mg/kg	1.56	77.991 mg/kg	0.005 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41 mg/kg	2.976	122.027 mg/kg	0.0122 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		79 mg/kg	2.469	195.074 mg/kg	0.0195 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		**<LOD**
16	pH			PH		8.3 pH		8.3 pH	8.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0454 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH11[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
GBH11[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.001	mg/kg	1.197	<0.0012	mg/kg	<0.00000012 %		<**LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.05	mg/kg	1.32	<0.066	mg/kg	<0.0000066 %		<**LOD**
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.01	mg/kg	1.142	<0.0114	mg/kg	<0.00000114 %		<**LOD**
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		0.12	mg/kg	1.126	0.135	mg/kg	0.0000135 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	<0.01	mg/kg	1.56	<0.0156	mg/kg	<0.000001 %		<**LOD**
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05	mg/kg	1.5	<0.075	mg/kg	<0.0000075 %		<**LOD**
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		<0.01	mg/kg	2.976	<0.0298	mg/kg	<0.00000298 %		<**LOD**
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01	mg/kg	2.554	<0.0255	mg/kg	<0.00000255 %		<**LOD**
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		<0.5	mg/kg	2.469	<1.235	mg/kg	<0.000123 %		<**LOD**
11		pH			PH		9.4	pH		9.4	pH	9.4 pH		
											Total:	0.00016 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH11[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH11[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.05	mg/kg	1.32	<0.066	mg/kg	<0.0000066 %		**<LOD**
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.01	mg/kg	1.142	<0.0114	mg/kg	<0.00000114 %		**<LOD**
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		0.14	mg/kg	1.126	0.158	mg/kg	0.0000158 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	<0.01	mg/kg	1.56	<0.0156	mg/kg	<0.000001 %		**<LOD**
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		**<LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05	mg/kg	1.5	<0.075	mg/kg	<0.0000075 %		**<LOD**
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		<0.01	mg/kg	2.976	<0.0298	mg/kg	<0.00000298 %		**<LOD**
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.22	mg/kg	2.554	0.562	mg/kg	0.0000562 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		<0.5	mg/kg	2.469	<1.235	mg/kg	<0.000123 %		**<LOD**
11		pH			PH		8.5	pH		8.5	pH	8.5 pH		
											Total:	0.00022 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH11[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GBH11[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
12.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1		pH				8.6 pH		8.6 pH	8.6 pH		
				PH							
								Total:	0%		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: GBH12

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH12
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1	mg/kg	1.142	2.399	mg/kg	0.00024 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29	mg/kg	1.56	45.235	mg/kg	0.0029 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4	mg/kg	1.5	6.001	mg/kg	0.0006 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43	mg/kg	2.976	127.979	mg/kg	0.0128 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.1	mg/kg	2.554	5.363	mg/kg	0.000536 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		84	mg/kg	2.469	207.421	mg/kg	0.0207 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.2	pH		8.2	pH	8.2 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0438 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH13

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH13
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7	mg/kg	1.197	3.232	mg/kg	0.000323 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24	mg/kg	1.32	31.688	mg/kg	0.00317 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		70	mg/kg	1.126	78.812	mg/kg	0.00788 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	80	mg/kg	1.56	124.785	mg/kg	0.008 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.28	mg/kg	1.353	0.379	mg/kg	0.0000379 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.8	mg/kg	1.5	7.201	mg/kg	0.00072 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53	mg/kg	2.976	157.742	mg/kg	0.0158 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3	mg/kg	2.554	3.32	mg/kg	0.000332 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
16		pH			PH		8.3	pH		8.3	pH	8.3 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0639 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH13[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH13[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.1	mg/kg	1.197	3.711	mg/kg	0.000371 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3	mg/kg	1.142	3.427	mg/kg	0.000343 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		47	mg/kg	1.126	52.917	mg/kg	0.00529 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	35	mg/kg	1.56	54.594	mg/kg	0.0035 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1	mg/kg	1.353	0.135	mg/kg	0.0000135 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.6	mg/kg	1.5	9.901	mg/kg	0.00099 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58	mg/kg	2.976	172.623	mg/kg	0.0173 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5	mg/kg	2.554	3.831	mg/kg	0.000383 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		100	mg/kg	2.469	246.93	mg/kg	0.0247 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.5	pH		8.5	pH	8.5 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0561 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH14

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH14
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23	mg/kg	1.56	35.876	mg/kg	0.0023 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3	mg/kg	1.5	4.501	mg/kg	0.00045 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40	mg/kg	2.976	119.051	mg/kg	0.0119 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7	mg/kg	2.554	4.342	mg/kg	0.000434 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		68	mg/kg	2.469	167.912	mg/kg	0.0168 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.2	pH		8.2	pH	8.2 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0378 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH15

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH15
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29 mg/kg	1.32	38.289 mg/kg	0.00383 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.91 mg/kg	1.142	1.04 mg/kg	0.000104 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34 mg/kg	1.56	53.034 mg/kg	0.0034 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2 mg/kg	1.5	3 mg/kg	0.0003 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.62 mg/kg	2.554	1.583 mg/kg	0.000158 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		55 mg/kg	2.469	135.811 mg/kg	0.0136 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.9 mg/kg	1.884	1.696 mg/kg	0.00017 %		
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0363 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH16

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH16
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22	mg/kg	1.32	29.047	mg/kg	0.0029 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3	mg/kg	1.142	1.485	mg/kg	0.000149 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20	mg/kg	1.56	31.196	mg/kg	0.002 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8	mg/kg	1.5	4.201	mg/kg	0.00042 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43	mg/kg	2.976	127.979	mg/kg	0.0128 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3	mg/kg	2.554	3.32	mg/kg	0.000332 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		70	mg/kg	2.469	172.851	mg/kg	0.0173 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.5	pH		8.5	pH	8.5 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0385 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH17

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH17
Sample Depth:
2.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	15 mg/kg	1.56	23.397 mg/kg	0.0015 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.4 mg/kg	2.554	6.129 mg/kg	0.000613 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		75 mg/kg	2.469	185.197 mg/kg	0.0185 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8 pH		8 pH	8pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0371 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH18

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH18
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7	mg/kg	1.142	1.942	mg/kg	0.000194 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22	mg/kg	1.126	24.77	mg/kg	0.00248 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20	mg/kg	1.56	31.196	mg/kg	0.002 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3	mg/kg	1.5	4.951	mg/kg	0.000495 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44	mg/kg	2.976	130.956	mg/kg	0.0131 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8	mg/kg	2.554	4.597	mg/kg	0.00046 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		73	mg/kg	2.469	180.259	mg/kg	0.018 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.4	pH		8.4	pH	8.4 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0397 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH18[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH18[2]
Sample Depth:
1.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3	mg/kg	1.142	1.485	mg/kg	0.000149 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19	mg/kg	1.126	21.392	mg/kg	0.00214 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18	mg/kg	1.56	28.077	mg/kg	0.0018 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9	mg/kg	1.5	4.351	mg/kg	0.000435 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37	mg/kg	2.976	110.122	mg/kg	0.011 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4	mg/kg	2.554	3.575	mg/kg	0.000358 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		61	mg/kg	2.469	150.627	mg/kg	0.0151 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.5	pH		8.5	pH	8.5 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.034 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH19

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH19
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18 mg/kg	1.126	20.266 mg/kg	0.00203 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		12 mg/kg	2.554	30.646 mg/kg	0.00306 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		59 mg/kg	2.469	145.688 mg/kg	0.0146 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0359 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH22

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH22
Sample Depth:
1.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16	mg/kg	1.32	21.125	mg/kg	0.00211 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16	mg/kg	1.126	18.014	mg/kg	0.0018 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	15	mg/kg	1.56	23.397	mg/kg	0.0015 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2	mg/kg	1.5	3.3	mg/kg	0.00033 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30	mg/kg	2.976	89.288	mg/kg	0.00893 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4	mg/kg	2.554	3.575	mg/kg	0.000358 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		49	mg/kg	2.469	120.996	mg/kg	0.0121 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.9	pH		8.9	pH	8.9 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0275 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH23

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH23
Sample Depth:
1.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12 mg/kg	1.56	18.718 mg/kg	0.0012 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		51 mg/kg	2.469	125.934 mg/kg	0.0126 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0291 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH24

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH24
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3	mg/kg	1.142	1.485	mg/kg	0.000149 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18	mg/kg	1.126	20.266	mg/kg	0.00203 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16	mg/kg	1.56	24.957	mg/kg	0.0016 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.1	mg/kg	1.5	4.651	mg/kg	0.000465 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37	mg/kg	2.976	110.122	mg/kg	0.011 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4	mg/kg	2.554	3.575	mg/kg	0.000358 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		57	mg/kg	2.469	140.75	mg/kg	0.0141 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.1	pH		8.1	pH	8.1 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.033 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH27

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH27
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7	mg/kg	1.142	1.942	mg/kg	0.000194 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19	mg/kg	1.126	21.392	mg/kg	0.00214 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23	mg/kg	1.56	35.876	mg/kg	0.0023 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2	mg/kg	1.5	4.801	mg/kg	0.00048 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37	mg/kg	2.976	110.122	mg/kg	0.011 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8	mg/kg	2.554	4.597	mg/kg	0.00046 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		55	mg/kg	2.469	135.811	mg/kg	0.0136 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.4	pH		8.4	pH	8.4 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.033 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH28

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH28
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4	mg/kg	1.142	1.599	mg/kg	0.00016 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23	mg/kg	1.56	35.876	mg/kg	0.0023 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7	mg/kg	1.5	4.051	mg/kg	0.000405 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40	mg/kg	2.976	119.051	mg/kg	0.0119 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2	mg/kg	2.554	3.065	mg/kg	0.000306 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		66	mg/kg	2.469	162.974	mg/kg	0.0163 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.3	pH		8.3	pH	8.3 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.037 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH29

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH29
Sample Depth:
1.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26	mg/kg	1.32	34.328	mg/kg	0.00343 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25	mg/kg	1.56	38.995	mg/kg	0.0025 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6	mg/kg	1.5	5.401	mg/kg	0.00054 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48	mg/kg	2.976	142.861	mg/kg	0.0143 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8	mg/kg	2.554	4.597	mg/kg	0.00046 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		79	mg/kg	2.469	195.074	mg/kg	0.0195 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.2	pH		8.2	pH	8.2 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0438 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH30

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH30
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26	mg/kg	1.56	40.555	mg/kg	0.0026 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8	mg/kg	1.5	4.201	mg/kg	0.00042 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52	mg/kg	2.976	154.766	mg/kg	0.0155 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1	mg/kg	2.554	2.554	mg/kg	0.000255 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		72	mg/kg	2.469	177.789	mg/kg	0.0178 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.5	pH		8.5	pH	8.5 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0429 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH30[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH30[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27	mg/kg	1.32	35.649	mg/kg	0.00356 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7	mg/kg	1.142	1.942	mg/kg	0.000194 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26	mg/kg	1.126	29.273	mg/kg	0.00293 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30	mg/kg	1.56	46.794	mg/kg	0.003 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7	mg/kg	1.5	5.551	mg/kg	0.000555 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54	mg/kg	2.976	160.718	mg/kg	0.0161 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2	mg/kg	2.554	5.108	mg/kg	0.000511 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		93	mg/kg	2.469	229.645	mg/kg	0.023 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.4	pH		8.4	pH	8.4 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.05 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH31

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH31
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24	mg/kg	1.32	31.688	mg/kg	0.00317 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12	mg/kg	1.56	18.718	mg/kg	0.0012 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7	mg/kg	1.5	4.051	mg/kg	0.000405 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35	mg/kg	2.976	104.169	mg/kg	0.0104 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01	mg/kg	2.554	<0.0255	mg/kg	<0.00000255 %		<**LOD**
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		68	mg/kg	2.469	167.912	mg/kg	0.0168 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.5	pH		8.5	pH	8.5 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0351 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GBH32

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GBH32
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14	mg/kg	1.32	18.485	mg/kg	0.00185 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.7	mg/kg	1.142	3.084	mg/kg	0.000308 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34	mg/kg	1.56	53.034	mg/kg	0.0034 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11	mg/kg	1.353	0.149	mg/kg	0.0000149 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4	mg/kg	1.5	6.601	mg/kg	0.00066 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40	mg/kg	2.976	119.051	mg/kg	0.0119 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4	mg/kg	2.554	3.575	mg/kg	0.000358 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		78	mg/kg	2.469	192.605	mg/kg	0.0193 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8	pH		8	pH	8pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0407 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP01

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP01
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	41 mg/kg	1.56	63.952 mg/kg	0.0041 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		92 mg/kg	2.469	227.175 mg/kg	0.0227 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			201-581-5	85-01-8									
22		anthracene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			204-371-1	120-12-7									
23		fluoranthene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			205-912-4	206-44-0									
24		pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0477 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP03

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP03
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43 mg/kg	1.126	48.413 mg/kg	0.00484 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	56 mg/kg	1.56	87.35 mg/kg	0.0056 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25 mg/kg	1.353	0.338 mg/kg	0.0000338 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.1 mg/kg	2.554	5.363 mg/kg	0.000536 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		520 mg/kg	2.469	1284.034 mg/kg	0.128 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.155 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP04

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP04
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27	mg/kg	1.32	35.649	mg/kg	0.00356 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7	mg/kg	1.142	1.942	mg/kg	0.000194 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28	mg/kg	1.126	31.525	mg/kg	0.00315 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	33	mg/kg	1.56	51.474	mg/kg	0.0033 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1	mg/kg	1.353	0.135	mg/kg	0.0000135 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1	mg/kg	1.5	6.151	mg/kg	0.000615 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45	mg/kg	2.976	133.932	mg/kg	0.0134 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5	mg/kg	2.554	3.831	mg/kg	0.000383 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		75	mg/kg	2.469	185.197	mg/kg	0.0185 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.3	pH		8.3	pH	8.3 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0434 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP04[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP04[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		34 mg/kg	1.126	38.28 mg/kg	0.00383 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	51 mg/kg	1.56	79.551 mg/kg	0.0051 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		78 mg/kg	2.469	192.605 mg/kg	0.0193 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.046 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP05

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP05
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		63 mg/kg	2.469	155.566 mg/kg	0.0156 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.5 pH		8.5 pH	8.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0356 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP06

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP06
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1	mg/kg	1.142	1.257	mg/kg	0.000126 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35	mg/kg	1.126	39.406	mg/kg	0.00394 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	62	mg/kg	1.56	96.709	mg/kg	0.0062 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.28	mg/kg	1.353	0.379	mg/kg	0.0000379 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3	mg/kg	1.5	4.501	mg/kg	0.00045 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41	mg/kg	2.976	122.027	mg/kg	0.0122 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1	mg/kg	2.554	2.809	mg/kg	0.000281 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		87	mg/kg	2.469	214.829	mg/kg	0.0215 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.1	pH		8.1	pH	8.1 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0482 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP07

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP07
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		67 mg/kg	2.469	165.443 mg/kg	0.0165 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.4 pH		8.4 pH	8.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0398 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP07[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP07[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2	mg/kg	1.142	1.371	mg/kg	0.000137 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19	mg/kg	1.56	29.636	mg/kg	0.0019 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3	mg/kg	1.5	3.45	mg/kg	0.000345 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28	mg/kg	2.976	83.335	mg/kg	0.00833 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.67	mg/kg	2.554	1.711	mg/kg	0.000171 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		56	mg/kg	2.469	138.281	mg/kg	0.0138 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.4	pH		8.4	pH	8.4 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				0.77	mg/kg		0.77	mg/kg	0.000077 %		
			201-581-5	85-01-8									
22		anthracene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
			204-371-1	120-12-7									
23		fluoranthene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-912-4	206-44-0									
24		pyrene				0.92	mg/kg		0.92	mg/kg	0.000092 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0305 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP09

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP09
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7 mg/kg	1.5	4.051 mg/kg	0.000405 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		76 mg/kg	2.469	187.667 mg/kg	0.0188 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.3 pH		8.3 pH	8.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0387 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP09[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP09[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16	mg/kg	1.56	24.957	mg/kg	0.0016 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.6	mg/kg	1.5	3.9	mg/kg	0.00039 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38	mg/kg	2.976	113.098	mg/kg	0.0113 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3	mg/kg	2.554	3.32	mg/kg	0.000332 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		66	mg/kg	2.469	162.974	mg/kg	0.0163 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.3	pH		8.3	pH	8.3 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0352 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP11

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP11
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		58 mg/kg	1.32	76.579 mg/kg	0.00766 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		160 mg/kg	1.126	180.142 mg/kg	0.018 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	180 mg/kg	1.56	280.767 mg/kg	0.018 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.17 mg/kg	1.353	0.23 mg/kg	0.000023 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.3 mg/kg	1.5	7.951 mg/kg	0.000795 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.86 mg/kg	2.554	2.196 mg/kg	0.00022 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		200 mg/kg	2.469	493.859 mg/kg	0.0494 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.7 pH		8.7 pH	8.7 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.106 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP12

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP12
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		31	mg/kg	1.32	40.93	mg/kg	0.00409 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.9	mg/kg	1.142	3.313	mg/kg	0.000331 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		54	mg/kg	1.126	60.798	mg/kg	0.00608 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	70	mg/kg	1.56	109.187	mg/kg	0.007 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.29	mg/kg	1.353	0.393	mg/kg	0.0000393 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.2	mg/kg	1.5	7.801	mg/kg	0.00078 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		59	mg/kg	2.976	175.6	mg/kg	0.0176 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5	mg/kg	2.554	3.831	mg/kg	0.000383 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.4	pH		8.4	pH	8.4 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0637 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP13

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP13
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		4.3	mg/kg	1.142	4.912	mg/kg	0.000491 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		53	mg/kg	1.126	59.672	mg/kg	0.00597 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	45	mg/kg	1.56	70.192	mg/kg	0.0045 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.22	mg/kg	1.353	0.298	mg/kg	0.0000298 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6	mg/kg	1.5	6.901	mg/kg	0.00069 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		74	mg/kg	2.976	220.244	mg/kg	0.022 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2	mg/kg	2.554	3.065	mg/kg	0.000306 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		130	mg/kg	2.469	321.009	mg/kg	0.0321 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.3	pH		8.3	pH	8.3 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0694 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP14

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP14
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4.2	mg/kg	1.32	5.545	mg/kg	0.000555 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.18	mg/kg	1.142	0.206	mg/kg	0.0000206 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		120	mg/kg	1.126	135.107	mg/kg	0.0135 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	16	mg/kg	1.56	24.957	mg/kg	0.0016 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05	mg/kg	1.5	<0.075	mg/kg	<0.0000075 %		<**LOD**
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53	mg/kg	2.976	157.742	mg/kg	0.0158 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01	mg/kg	2.554	<0.0255	mg/kg	<0.00000255 %		<**LOD**
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		97	mg/kg	2.469	239.522	mg/kg	0.024 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		9.4	pH		9.4	pH	9.4 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0557 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP16

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP16
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29	mg/kg	1.32	38.289	mg/kg	0.00383 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.32	mg/kg	1.142	0.366	mg/kg	0.0000366 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		39	mg/kg	1.126	43.91	mg/kg	0.00439 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	29	mg/kg	1.56	45.235	mg/kg	0.0029 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05	mg/kg	1.5	<0.075	mg/kg	<0.0000075 %		<**LOD**
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35	mg/kg	2.976	104.169	mg/kg	0.0104 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01	mg/kg	2.554	<0.0255	mg/kg	<0.00000255 %		<**LOD**
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.8	pH		8.8	pH	8.8 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.049 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP19

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP19
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.59	mg/kg	1.142	0.674	mg/kg	0.0000674 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		65	mg/kg	1.126	73.183	mg/kg	0.00732 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	54	mg/kg	1.56	84.23	mg/kg	0.0054 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15	mg/kg	1.353	0.203	mg/kg	0.0000203 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05	mg/kg	1.5	<0.075	mg/kg	<0.0000075 %		<**LOD**
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29	mg/kg	2.976	86.312	mg/kg	0.00863 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.61	mg/kg	2.554	1.558	mg/kg	0.000156 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		140	mg/kg	2.469	345.701	mg/kg	0.0346 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.4	pH		8.4	pH	8.4 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21	●	phenanthrene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
			201-581-5	85-01-8									
22	●	anthracene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			204-371-1	120-12-7									
23	●	fluoranthene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
			205-912-4	206-44-0									
24	●	pyrene				0.65	mg/kg		0.65	mg/kg	0.000065 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0598 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP20

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP20
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.64 mg/kg	1.142	0.731 mg/kg	0.0000731 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22 mg/kg	1.56	34.316 mg/kg	0.0022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		40 mg/kg	2.469	98.772 mg/kg	0.00988 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		9.3 pH		9.3 pH	9.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0257 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP21

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP21
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.34 mg/kg	1.142	0.388 mg/kg	0.0000388 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		71 mg/kg	1.126	79.938 mg/kg	0.00799 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28 mg/kg	1.56	43.675 mg/kg	0.0028 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.7 pH		8.7 pH	8.7 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			205-912-4	206-44-0									
24		pyrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0585 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GTP22

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP22
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.57 mg/kg	1.142	0.651 mg/kg	0.0000651 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		200 mg/kg	1.126	225.178 mg/kg	0.0225 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	250 mg/kg	1.56	389.954 mg/kg	0.025 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		24 mg/kg	2.976	71.43 mg/kg	0.00714 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.61 mg/kg	2.554	1.558 mg/kg	0.000156 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		150 mg/kg	2.469	370.394 mg/kg	0.037 %		
11	TPH (C6 to C40) petroleum group			TPH		272 mg/kg		272 mg/kg	0.0272 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.122 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0272%)

Classification of sample: GTP23

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP23
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.47 mg/kg	1.142	0.537 mg/kg	0.0000537 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36 mg/kg	1.56	56.153 mg/kg	0.0036 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		**<LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		**<LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		22 mg/kg	2.976	65.478 mg/kg	0.00655 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.47 mg/kg	2.554	1.2 mg/kg	0.00012 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		43 mg/kg	2.469	106.18 mg/kg	0.0106 %		
11	TPH (C6 to C40) petroleum group			TPH		17.8 mg/kg		17.8 mg/kg	0.00178 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		**<LOD**
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			204-371-1	120-12-7									
24		fluoranthene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
			205-912-4	206-44-0									
25		pyrene				0.65	mg/kg		0.65	mg/kg	0.000065 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.03 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00178%)

Classification of sample: GTP24

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP24
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1	mg/kg	1.142	1.257	mg/kg	0.000126 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		100	mg/kg	1.126	112.589	mg/kg	0.0113 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	87	mg/kg	1.56	135.704	mg/kg	0.0087 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.2	mg/kg	1.353	0.271	mg/kg	0.0000271 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1	mg/kg	1.5	3.15	mg/kg	0.000315 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37	mg/kg	2.976	110.122	mg/kg	0.011 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.58	mg/kg	2.554	1.481	mg/kg	0.000148 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		94	mg/kg	2.469	232.114	mg/kg	0.0232 %		
11	TPH (C6 to C40) petroleum group			TPH		458	mg/kg		458	mg/kg	0.0458 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.8	pH		8.8	pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
			201-581-5	85-01-8									
23		anthracene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			204-371-1	120-12-7									
24		fluoranthene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			205-912-4	206-44-0									
25		pyrene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.104 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0458%)

Classification of sample: GTP25

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GTP25	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.37 mg/kg	1.142	0.423 mg/kg	0.0000423 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36 mg/kg	1.126	40.532 mg/kg	0.00405 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		**<LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		**<LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.27 mg/kg	2.554	0.69 mg/kg	0.000069 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		79 mg/kg	2.469	195.074 mg/kg	0.0195 %		
11	TPH (C6 to C40) petroleum group			TPH		246 mg/kg		246 mg/kg	0.0246 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		**<LOD**
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0665 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0246%)

Classification of sample: GTP25[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GTP25[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<		1.197	<		<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.97	mg/kg	1.142	1.108	mg/kg	0.000111 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		57	mg/kg	1.126	64.176	mg/kg	0.00642 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	59	mg/kg	1.56	92.029	mg/kg	0.0059 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14	mg/kg	1.353	0.189	mg/kg	0.0000189 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05	mg/kg	1.5	<0.075	mg/kg	<0.0000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		32	mg/kg	2.976	95.24	mg/kg	0.00952 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.54	mg/kg	2.554	1.379	mg/kg	0.000138 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		60	mg/kg	2.469	148.158	mg/kg	0.0148 %		
11	TPH (C6 to C40) petroleum group			TPH		301	mg/kg		301	mg/kg	0.0301 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.3	pH		8.3	pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.78	mg/kg		0.78	mg/kg	0.000078 %		
			201-581-5	85-01-8									
23		anthracene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			204-371-1	120-12-7									
24		fluoranthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			205-912-4	206-44-0									
25		pyrene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.79	mg/kg		0.79	mg/kg	0.000079 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.79	mg/kg		0.79	mg/kg	0.000079 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0703 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0301%)

Classification of sample: NBH104

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH104	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.4 mg/kg	1.197	7.661 mg/kg	0.000766 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47 mg/kg	1.32	62.055 mg/kg	0.00621 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		160 mg/kg	1.126	180.142 mg/kg	0.018 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	590 mg/kg	1.56	920.291 mg/kg	0.059 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		4.5 mg/kg	1.353	6.091 mg/kg	0.000609 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.4 mg/kg	1.5	11.101 mg/kg	0.00111 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		120 mg/kg	2.976	357.152 mg/kg	0.0357 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7 mg/kg	2.554	4.342 mg/kg	0.000434 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		270 mg/kg	2.469	666.71 mg/kg	0.0667 %		
11	TPH (C6 to C40) petroleum group			TPH		81.7 mg/kg		81.7 mg/kg	0.00817 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8 pH		8 pH	8pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			201-469-6	83-32-9									
21		fluorene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			201-695-5	86-73-7									
22		phenanthrene				9.4	mg/kg		9.4	mg/kg	0.00094 %		
			201-581-5	85-01-8									
23		anthracene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
			204-371-1	120-12-7									
24		fluoranthene				12	mg/kg		12	mg/kg	0.0012 %		
			205-912-4	206-44-0									
25		pyrene				10	mg/kg		10	mg/kg	0.001 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				5.9	mg/kg		5.9	mg/kg	0.00059 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				5.9	mg/kg		5.9	mg/kg	0.00059 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				6.9	mg/kg		6.9	mg/kg	0.00069 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.95	mg/kg		0.95	mg/kg	0.000095 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				3.5	mg/kg		3.5	mg/kg	0.00035 %		
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.204 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00817%)

Classification of sample: NBH19A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH19A
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.591 mg/kg	0.000359 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		37 mg/kg	1.32	48.852 mg/kg	0.00489 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.91 mg/kg	1.142	1.04 mg/kg	0.000104 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		120 mg/kg	1.126	135.107 mg/kg	0.0135 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	220 mg/kg	1.56	343.159 mg/kg	0.022 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1 mg/kg	1.353	1.489 mg/kg	0.000149 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.8 mg/kg	1.5	10.201 mg/kg	0.00102 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		62 mg/kg	2.976	184.528 mg/kg	0.0185 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.51 mg/kg	2.554	1.302 mg/kg	0.00013 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		140 mg/kg	2.469	345.701 mg/kg	0.0346 %		
11	TPH (C6 to C40) petroleum group			TPH		810 mg/kg		810 mg/kg	0.081 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5 mg/kg	1.884	0.942 mg/kg	0.0000942 %		
17	pH			PH		10.7 pH		10.7 pH	10.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.177 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.081%)

Classification of sample: NBH19A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH19A[2]
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5 mg/kg	1.197	5.986 mg/kg	0.000599 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		39 mg/kg	1.32	51.493 mg/kg	0.00515 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		410 mg/kg	1.126	461.614 mg/kg	0.0462 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	290 mg/kg	1.56	452.346 mg/kg	0.029 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.353 mg/kg	0.000135 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5 mg/kg	1.5	7.501 mg/kg	0.00075 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58 mg/kg	2.976	172.623 mg/kg	0.0173 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.58 mg/kg	2.554	1.481 mg/kg	0.000148 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		350 mg/kg	2.469	864.254 mg/kg	0.0864 %		
11	TPH (C6 to C40) petroleum group			TPH		104 mg/kg		104 mg/kg	0.0104 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6 mg/kg	1.884	1.13 mg/kg	0.000113 %		
17	pH			PH		8.1 pH		8.1 pH	8.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		2.4 mg/kg		2.4 mg/kg	0.00024 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				0.93	mg/kg		0.93	mg/kg	0.000093 %		
			201-469-6	83-32-9									
21		fluorene				0.77	mg/kg		0.77	mg/kg	0.000077 %		
			201-695-5	86-73-7									
22		phenanthrene				5.9	mg/kg		5.9	mg/kg	0.00059 %		
			201-581-5	85-01-8									
23		anthracene				1	mg/kg		1	mg/kg	0.0001 %		
			204-371-1	120-12-7									
24		fluoranthene				7.8	mg/kg		7.8	mg/kg	0.00078 %		
			205-912-4	206-44-0									
25		pyrene				6.8	mg/kg		6.8	mg/kg	0.00068 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				4.1	mg/kg		4.1	mg/kg	0.00041 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				4.3	mg/kg		4.3	mg/kg	0.00043 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				5.6	mg/kg		5.6	mg/kg	0.00056 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				2	mg/kg		2	mg/kg	0.0002 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				4.4	mg/kg		4.4	mg/kg	0.00044 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.77	mg/kg		0.77	mg/kg	0.000077 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.202 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0104%)

Classification of sample: NBH213

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH213
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8	mg/kg	1.197	3.352	mg/kg	0.000335 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17	mg/kg	1.32	22.446	mg/kg	0.00224 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.2	mg/kg	1.142	3.655	mg/kg	0.000366 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42	mg/kg	1.126	47.287	mg/kg	0.00473 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	75	mg/kg	1.56	116.986	mg/kg	0.0075 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25	mg/kg	1.353	0.338	mg/kg	0.0000338 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9	mg/kg	1.5	5.851	mg/kg	0.000585 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54	mg/kg	2.976	160.718	mg/kg	0.0161 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.93	mg/kg	2.554	2.375	mg/kg	0.000238 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.2	pH		8.2	pH	8.2 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		**<LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0595 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TPCC04

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TPCC04
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25 mg/kg	1.56	38.995 mg/kg	0.0025 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		69 mg/kg	2.469	170.381 mg/kg	0.017 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		0.043 mg/kg		0.043 mg/kg	0.0000043 %		
13	toluene	601-021-00-3	203-625-9	108-88-3		0.0054 mg/kg		0.0054 mg/kg	0.00000054 %		
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.019 mg/kg		0.019 mg/kg	0.0000019 %		
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.8 pH		8.8 pH	8.8 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
			201-581-5	85-01-8									
22		anthracene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-371-1	120-12-7									
23		fluoranthene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			205-912-4	206-44-0									
24		pyrene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0374 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 4.3e-06%)
toluene: (conc.: 5.4e-07%)
ethylbenzene: (conc.: 1.9e-06%)

Classification of sample: TPCC06

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TPCC06
Sample Depth:
0.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.6 mg/kg	1.142	2.97 mg/kg	0.000297 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30 mg/kg	1.56	46.794 mg/kg	0.003 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	6.001 mg/kg	0.0006 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.3 mg/kg	2.554	10.982 mg/kg	0.0011 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		86 mg/kg	2.469	212.359 mg/kg	0.0212 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		7.9 pH		7.9 pH	7.9 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0484 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TPCC12

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TPCC12
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<	1.197	<	<		**ND**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20 mg/kg	1.56	31.196 mg/kg	0.002 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43 mg/kg	2.976	127.979 mg/kg	0.0128 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		63 mg/kg	2.469	155.566 mg/kg	0.0156 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		**<LOD**
16	pH			PH		8.1 pH		8.1 pH	8.1 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0376 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **1,1-dichloroethane and 1,2-dichloroethane (combined)** (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2 H225 , Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 1B H350 , Aquatic Chronic 3 H412

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

- **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc sulphate}

Due to the low noted concentrations of chromium, it is not possible that zinc will be present as zinc chromate within soils. Zinc sulphate adopted as likely worst case compound.

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

TYUL6-4JTAZ-DF6X0

Job name

Metrolink - Mater

Description/Comments

Project

Metrolink

Site

Mater

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 14:20 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH39	23.7	Non Hazardous		3
2	ABH40	1	Non Hazardous		5
3	ABH40[2]	9.3	Non Hazardous		8
4	ABH40[3]	14.6	Non Hazardous		10
5	ABH40[4]	29.6	Non Hazardous		12
6	ABH40A	2.3	Non Hazardous		14
7	ABH41	0.5	Non Hazardous		16
8	ABH41[2]	1.5	Non Hazardous		19
9	ABH41[3]	13	Non Hazardous		21
10	ABH41[4]	18.2	Non Hazardous		23
11	ABH41[5]	26.5	Non Hazardous		25
12	A1	0.2	Non Hazardous		27
13	B1	1.2	Non Hazardous		29
14	B1[2]	2	Non Hazardous		31
15	C	1.2	Non Hazardous		33
16	C[2]	2.6	Non Hazardous		35
17	D	0.6	Non Hazardous		37
18	D[2]	1.2	Non Hazardous		39
19	MGI/BH/640	0.5	Non Hazardous		41
20	MGI/BH/640[2]	1.5	Non Hazardous		43
21	MGI/BH/641	0.5	Hazardous	HP 8	45
22	MGI/BH/642A	1	Non Hazardous		47
23	MGI/BH/642A[2]	2	Non Hazardous		49
24	MGI/BH/701	0.5	Non Hazardous		51
25	NBH21	1	Non Hazardous		53
26	NBH214	0.5	Hazardous	HP 3(i), HP 7, HP 11, HP 14	56
27	NBH214[2]	4	Non Hazardous		59
28	NBH215	0.5	Non Hazardous		60
29	NBH215[2]	1	Non Hazardous		63
30	NBH216A	0.25	Hazardous	HP 3(i), HP 7, HP 11	66
31	NBH216A[2]	0.6	Non Hazardous		69
32	NBH216A[3]	1.2	Non Hazardous		72
33	NBH216A[4]	7.2	Non Hazardous		74
34	NBH216A[5]	23.8	Non Hazardous		75

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
35	NBH217	0.6	Non Hazardous		76
36	NBH217[2]	1.4	Non Hazardous		78

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 14:20 GMT

Classification of sample: ABH39

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH39
Sample Depth:
23.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		5.4 mg/kg	1.142	6.169 mg/kg	0.000617 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	6.8 mg/kg		6.8 mg/kg	0.00068 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		12 mg/kg	1.5	18.002 mg/kg	0.0018 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		16 mg/kg	2.976	47.62 mg/kg	0.00476 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.6 mg/kg	2.554	9.194 mg/kg	0.000919 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0451 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH40

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH40	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.591 mg/kg	0.000359 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.2 mg/kg	1.142	3.655 mg/kg	0.000366 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		64 mg/kg	1.126	72.057 mg/kg	0.00721 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	91 mg/kg		91 mg/kg	0.0091 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.22 mg/kg	1.353	0.298 mg/kg	0.0000298 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.7 mg/kg	1.5	8.551 mg/kg	0.000855 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		77 mg/kg	2.976	229.172 mg/kg	0.0229 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		130 mg/kg	2.469	321.009 mg/kg	0.0321 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.36	ng/kg		<3.6e-07	mg/kg	<3.6e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.46	ng/kg		<4.6e-07	mg/kg	<4.6e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.42	ng/kg		<4.2e-07	mg/kg	<4.2e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.47	ng/kg		<4.7e-07	mg/kg	<4.7e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				0.815	ng/kg		8.15e-07	mg/kg	8.15e-11 %		
				35822-46-9									
45		OCDD				5.96	ng/kg		5.96e-06	mg/kg	5.96e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.59	ng/kg		1.59e-06	mg/kg	1.59e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.25	ng/kg		<2.5e-07	mg/kg	<2.5e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.24	ng/kg		<2.4e-07	mg/kg	<2.4e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.33	ng/kg		<3.3e-07	mg/kg	<3.3e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.52	ng/kg		<5.2e-07	mg/kg	<5.2e-11 %		<**LOD**
54		OCDF		39001-02-0		<1.28	ng/kg		<1.28e-06	mg/kg	<1.28e-10 %		<**LOD**
										Total:	0.0804 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH40[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH40[2]
Sample Depth:
9.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43 mg/kg	1.126	48.413 mg/kg	0.00484 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	35 mg/kg		35 mg/kg	0.0035 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7 mg/kg	1.5	7.051 mg/kg	0.000705 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		49 mg/kg	2.976	145.837 mg/kg	0.0146 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7 mg/kg	2.554	4.342 mg/kg	0.000434 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		66 mg/kg	2.469	162.974 mg/kg	0.0163 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0469 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH40[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH40[3]
Sample Depth:
14.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		100 mg/kg	1.126	112.589 mg/kg	0.0113 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	14 mg/kg		14 mg/kg	0.0014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		3.2 mg/kg	1.353	4.331 mg/kg	0.000433 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		32 mg/kg	2.976	95.24 mg/kg	0.00952 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.44 mg/kg	2.554	1.124 mg/kg	0.000112 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		52 mg/kg	2.469	128.403 mg/kg	0.0128 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.7 pH		9.7 pH	9.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.04 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH40[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH40[4]
Sample Depth:
29.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.9 mg/kg	1.197	4.669 mg/kg	0.000467 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.33 mg/kg	1.142	0.377 mg/kg	0.0000377 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.7 mg/kg	1.462	8.331 mg/kg	0.000833 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		54 mg/kg	1.126	60.798 mg/kg	0.00608 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	55 mg/kg		55 mg/kg	0.0055 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.4 mg/kg	1.5	8.101 mg/kg	0.00081 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		100 mg/kg	2.976	297.626 mg/kg	0.0298 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.5 mg/kg	2.554	6.385 mg/kg	0.000638 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		26 mg/kg	2.469	64.202 mg/kg	0.00642 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0535 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH40A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH40A
Sample Depth:
2.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.2 mg/kg	1.197	7.422 mg/kg	0.000742 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.1 mg/kg	1.142	3.541 mg/kg	0.000354 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43 mg/kg	1.126	48.413 mg/kg	0.00484 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	46 mg/kg		46 mg/kg	0.0046 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.3 mg/kg	1.5	7.951 mg/kg	0.000795 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		75 mg/kg	2.976	223.22 mg/kg	0.0223 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		100 mg/kg	2.469	246.93 mg/kg	0.0247 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.73	mg/kg		0.73	mg/kg	0.000073 %		
			201-581-5	85-01-8									
23		anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			204-371-1	120-12-7									
24		fluoranthene				0.78	mg/kg		0.78	mg/kg	0.000078 %		
			205-912-4	206-44-0									
25		pyrene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0648 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH41

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH41
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		30 mg/kg	1.32	39.61 mg/kg	0.00396 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		66 mg/kg	1.126	74.309 mg/kg	0.00743 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	440 mg/kg		440 mg/kg	0.044 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1 mg/kg	1.353	1.489 mg/kg	0.000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.3 mg/kg	1.5	6.451 mg/kg	0.000645 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.31 mg/kg	2.554	0.792 mg/kg	0.0000792 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		100 mg/kg	2.469	246.93 mg/kg	0.0247 %		
13	TPH (C6 to C40) petroleum group			TPH		284.9 mg/kg		284.9 mg/kg	0.0285 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		10.6 pH		10.6 pH	10.6 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		naphthalene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			201-695-5	86-73-7									
23		phenanthrene				17	mg/kg		17	mg/kg	0.0017 %		
			201-581-5	85-01-8									
24		anthracene				4.5	mg/kg		4.5	mg/kg	0.00045 %		
			204-371-1	120-12-7									
25		fluoranthene				30	mg/kg		30	mg/kg	0.003 %		
			205-912-4	206-44-0									
26		pyrene				25	mg/kg		25	mg/kg	0.0025 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				16	mg/kg		16	mg/kg	0.0016 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				14	mg/kg		14	mg/kg	0.0014 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				15	mg/kg		15	mg/kg	0.0015 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				6.1	mg/kg		6.1	mg/kg	0.00061 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				13	mg/kg		13	mg/kg	0.0013 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				5.8	mg/kg		5.8	mg/kg	0.00058 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				6.8	mg/kg		6.8	mg/kg	0.00068 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.143 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0285%)

Classification of sample: ABH41[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH41[2]
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.6 mg/kg	1.142	2.97 mg/kg	0.000297 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		44 mg/kg	1.126	49.539 mg/kg	0.00495 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	45 mg/kg		45 mg/kg	0.0045 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.5 mg/kg	1.5	6.751 mg/kg	0.000675 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		71 mg/kg	2.976	211.315 mg/kg	0.0211 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.66 mg/kg	2.554	1.686 mg/kg	0.000169 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.068 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH41[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH41[3]
Sample Depth:
13 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		74 mg/kg	1.126	83.316 mg/kg	0.00833 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	15 mg/kg		15 mg/kg	0.0015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.6 mg/kg	1.353	2.166 mg/kg	0.000217 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.76 mg/kg	2.554	1.941 mg/kg	0.000194 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		140 mg/kg	2.469	345.701 mg/kg	0.0346 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.2 pH		9.2 pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			201-581-5	85-01-8									
23		anthracene				0.042	mg/kg		0.042	mg/kg	0.0000042 %		
			204-371-1	120-12-7									
24		fluoranthene				0.085	mg/kg		0.085	mg/kg	0.0000085 %		
			205-912-4	206-44-0									
25		pyrene				0.082	mg/kg		0.082	mg/kg	0.0000082 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0658 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH41[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH41[4]
Sample Depth:
18.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1	mg/kg	1.197	2.514	mg/kg	0.000251 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18	mg/kg	1.32	23.766	mg/kg	0.00238 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4	mg/kg	1.142	1.599	mg/kg	0.00016 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29	mg/kg	1.126	32.651	mg/kg	0.00327 %		
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	25	mg/kg		25	mg/kg	0.0025 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07	mg/kg	1.353	0.0947	mg/kg	0.00000947 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9	mg/kg	1.5	4.351	mg/kg	0.000435 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45	mg/kg	2.976	133.932	mg/kg	0.0134 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4	mg/kg	2.554	3.575	mg/kg	0.000358 %		
12		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		82	mg/kg	2.469	202.482	mg/kg	0.0202 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		8.9	pH		8.9	pH	8.9 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0459 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH41[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH41[5]
Sample Depth:
26.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<LOD
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.9	mg/kg	1.32	13.071	mg/kg	0.00131 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1	mg/kg	1.142	<0.114	mg/kg	<0.0000114 %		<LOD
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		3	mg/kg	1.462	4.385	mg/kg	0.000438 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		3.5	mg/kg	1.126	3.941	mg/kg	0.000394 %		
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	6.8	mg/kg		6.8	mg/kg	0.00068 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2	mg/kg	1.5	<3	mg/kg	<0.0003 %		<LOD
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		5	mg/kg	2.976	14.881	mg/kg	0.00149 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
12		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		11	mg/kg	2.469	27.162	mg/kg	0.00272 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		pH			PH		8.7	pH		8.7	pH	8.7 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.00777 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: A1

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
A1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		2 mg/kg	2.775	5.551 mg/kg	0.000555 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<**LOD**
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		92 mg/kg	1.126	103.582 mg/kg	0.0104 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	246 mg/kg		246 mg/kg	0.0246 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		202 mg/kg	2.469	498.798 mg/kg	0.0499 %		
11	TPH (C6 to C40) petroleum group			TPH		2.76 mg/kg		2.76 mg/kg	0.000276 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
16	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.021 mg/kg		0.021 mg/kg	0.0000021 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthylene				0.017	mg/kg		0.017	mg/kg	0.0000017 %		
			205-917-1	208-96-8									
19		acenaphthene				0.058	mg/kg		0.058	mg/kg	0.0000058 %		
			201-469-6	83-32-9									
20		fluorene				0.028	mg/kg		0.028	mg/kg	0.0000028 %		
			201-695-5	86-73-7									
21		phenanthrene				0.346	mg/kg		0.346	mg/kg	0.0000346 %		
			201-581-5	85-01-8									
22		anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-371-1	120-12-7									
23		fluoranthene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
			205-912-4	206-44-0									
24		pyrene				0.459	mg/kg		0.459	mg/kg	0.0000459 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.074	mg/kg		0.074	mg/kg	0.0000074 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.387	mg/kg		0.387	mg/kg	0.0000387 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.163	mg/kg		0.163	mg/kg	0.0000163 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.096	mg/kg		0.096	mg/kg	0.0000096 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.192	mg/kg		0.192	mg/kg	0.0000192 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.106 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00027%)

Classification of sample: B1

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
B1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1 mg/kg	2.775	2.775 mg/kg	0.000278 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		**<LOD**
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	69 mg/kg		69 mg/kg	0.0069 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		**<LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		**<LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		159 mg/kg	2.469	392.618 mg/kg	0.0393 %		
11	TPH (C6 to C40) petroleum group			TPH		3.29 mg/kg		3.29 mg/kg	0.000329 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		0.0005 mg/kg		0.0005 mg/kg	0.000000054 %		
13	benzene	601-020-00-8	200-753-7	71-43-2		0.01 mg/kg		0.01 mg/kg	0.000001 %		
14	toluene	601-021-00-3	203-625-9	108-88-3		0.36 mg/kg		0.36 mg/kg	0.000036 %		
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.08 mg/kg		0.08 mg/kg	0.000008 %		
16	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		0.41 mg/kg		0.41 mg/kg	0.000041 %		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.009 mg/kg		0.009 mg/kg	0.0000009 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthylene				0.005	mg/kg		0.005	mg/kg	0.0000005 %		
			205-917-1	208-96-8									
19		acenaphthene				0.017	mg/kg		0.017	mg/kg	0.0000017 %		
			201-469-6	83-32-9									
20		fluorene				0.004	mg/kg		0.004	mg/kg	0.0000004 %		
			201-695-5	86-73-7									
21		phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8									
22		anthracene				0.007	mg/kg		0.007	mg/kg	0.0000007 %		
			204-371-1	120-12-7									
23		fluoranthene				0.041	mg/kg		0.041	mg/kg	0.0000041 %		
			205-912-4	206-44-0									
24		pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.037	mg/kg		0.037	mg/kg	0.0000037 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.037	mg/kg		0.037	mg/kg	0.0000037 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.028	mg/kg		0.028	mg/kg	0.0000028 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.019	mg/kg		0.019	mg/kg	0.0000019 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.014	mg/kg		0.014	mg/kg	0.0000014 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.035	mg/kg		0.035	mg/kg	0.0000035 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0667 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane: (conc.: 5.4e-08%)
benzene: (conc.: 1.0e-06%)
toluene: (conc.: 0.00003%)
ethylbenzene: (conc.: 8.0e-06%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.00032%)
xylene: (conc.: 0.00004%)

Classification of sample: B1[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
B1[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1 mg/kg	2.775	2.775 mg/kg	0.000278 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	22 mg/kg		22 mg/kg	0.0022 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		95 mg/kg	2.469	234.583 mg/kg	0.0235 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0451 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: C

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
C
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		2 mg/kg	2.775	5.551 mg/kg	0.000555 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<**LOD**
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		104 mg/kg	1.126	117.092 mg/kg	0.0117 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	366 mg/kg		366 mg/kg	0.0366 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		250 mg/kg	2.469	617.324 mg/kg	0.0617 %		
11	TPH (C6 to C40) petroleum group			TPH		15.98 mg/kg		15.98 mg/kg	0.0016 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
16	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.083 mg/kg		0.083 mg/kg	0.0000083 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthylene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-917-1	208-96-8									
19		acenaphthene				0.419	mg/kg		0.419	mg/kg	0.0000419 %		
			201-469-6	83-32-9									
20		fluorene				0.333	mg/kg		0.333	mg/kg	0.0000333 %		
			201-695-5	86-73-7									
21		phenanthrene				2.837	mg/kg		2.837	mg/kg	0.000284 %		
			201-581-5	85-01-8									
22		anthracene				0.478	mg/kg		0.478	mg/kg	0.0000478 %		
			204-371-1	120-12-7									
23		fluoranthene				2.914	mg/kg		2.914	mg/kg	0.000291 %		
			205-912-4	206-44-0									
24		pyrene				2.547	mg/kg		2.547	mg/kg	0.000255 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				1.136	mg/kg		1.136	mg/kg	0.000114 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				1.551	mg/kg		1.551	mg/kg	0.000155 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				1.047	mg/kg		1.047	mg/kg	0.000105 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.612	mg/kg		0.612	mg/kg	0.0000612 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.438	mg/kg		0.438	mg/kg	0.0000438 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.775	mg/kg		0.775	mg/kg	0.0000775 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.134 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0016%)

Classification of sample: C[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
C[2]
Sample Depth:
2.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		7	mg/kg	1.32	9.242	mg/kg	0.000924 %		
2		beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1	mg/kg	2.775	2.775	mg/kg	0.000278 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
4		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
5		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28	mg/kg	1.126	31.525	mg/kg	0.00315 %		
6		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	20	mg/kg		20	mg/kg	0.002 %		
7		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34	mg/kg	2.976	101.193	mg/kg	0.0101 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<**LOD**
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		78	mg/kg	2.469	192.605	mg/kg	0.0193 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
15		xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
16		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		acenaphthylene		205-917-1	208-96-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0364 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: D

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
D	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.6 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		75	mg/kg	1.32	99.024	mg/kg	0.0099 %		
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		4	mg/kg	2.775	11.101	mg/kg	0.00111 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1	mg/kg	1.142	1.142	mg/kg	0.000114 %		
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		214	mg/kg	1.126	240.94	mg/kg	0.0241 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1057	mg/kg		1057	mg/kg	0.106 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		80	mg/kg	2.976	238.101	mg/kg	0.0238 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		286	mg/kg	2.469	706.219	mg/kg	0.0706 %		
11	TPH (C6 to C40) petroleum group			TPH		2.55	mg/kg		2.55	mg/kg	0.000255 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.059	mg/kg		0.059	mg/kg	0.0000059 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthylene				0.027	mg/kg		0.027	mg/kg	0.0000027 %		
			205-917-1	208-96-8									
19		acenaphthene				0.039	mg/kg		0.039	mg/kg	0.0000039 %		
			201-469-6	83-32-9									
20		fluorene				0.022	mg/kg		0.022	mg/kg	0.0000022 %		
			201-695-5	86-73-7									
21		phenanthrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			201-581-5	85-01-8									
22		anthracene				0.095	mg/kg		0.095	mg/kg	0.0000095 %		
			204-371-1	120-12-7									
23		fluoranthene				0.359	mg/kg		0.359	mg/kg	0.0000359 %		
			205-912-4	206-44-0									
24		pyrene				0.357	mg/kg		0.357	mg/kg	0.0000357 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.063	mg/kg		0.063	mg/kg	0.0000063 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.396	mg/kg		0.396	mg/kg	0.0000396 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.237	mg/kg		0.237	mg/kg	0.0000237 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.143	mg/kg		0.143	mg/kg	0.0000143 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.122	mg/kg		0.122	mg/kg	0.0000122 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.221	mg/kg		0.221	mg/kg	0.0000221 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.236 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00025%)

Classification of sample: D[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
D[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.2 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		41 mg/kg	1.32	54.133 mg/kg	0.00541 %		
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		3 mg/kg	2.775	8.326 mg/kg	0.000833 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		675 mg/kg	1.126	759.975 mg/kg	0.076 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	427 mg/kg		427 mg/kg	0.0427 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		83 mg/kg	2.976	247.03 mg/kg	0.0247 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		160 mg/kg	2.469	395.087 mg/kg	0.0395 %		
11	TPH (C6 to C40) petroleum group			TPH		1.18 mg/kg		1.18 mg/kg	0.000118 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.042 mg/kg		0.042 mg/kg	0.0000042 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthylene				0.013	mg/kg		0.013	mg/kg	0.0000013 %		
			205-917-1	208-96-8									
19		acenaphthene				0.031	mg/kg		0.031	mg/kg	0.0000031 %		
			201-469-6	83-32-9									
20		fluorene				0.014	mg/kg		0.014	mg/kg	0.0000014 %		
			201-695-5	86-73-7									
21		phenanthrene				0.244	mg/kg		0.244	mg/kg	0.0000244 %		
			201-581-5	85-01-8									
22		anthracene				0.032	mg/kg		0.032	mg/kg	0.0000032 %		
			204-371-1	120-12-7									
23		fluoranthene				0.105	mg/kg		0.105	mg/kg	0.0000105 %		
			205-912-4	206-44-0									
24		pyrene				0.104	mg/kg		0.104	mg/kg	0.0000104 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.143	mg/kg		0.143	mg/kg	0.0000143 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.087	mg/kg		0.087	mg/kg	0.0000087 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.061	mg/kg		0.061	mg/kg	0.0000061 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.043	mg/kg		0.043	mg/kg	0.0000043 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.121	mg/kg		0.121	mg/kg	0.0000121 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.19 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00011%)

Classification of sample: MGI/BH/640

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/640
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<**LOD**
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		72 mg/kg	1.126	81.064 mg/kg	0.00811 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	349 mg/kg		349 mg/kg	0.0349 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		3 mg/kg	1.353	4.06 mg/kg	0.000406 %		
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		187 mg/kg	2.469	461.758 mg/kg	0.0462 %		
9	TPH (C6 to C40) petroleum group			TPH		28.846 mg/kg		28.846 mg/kg	0.00288 %		
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<**LOD**
16	pH			PH		7.73 pH		7.73 pH	7.73 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		naphthalene				0.355	mg/kg		0.355	mg/kg	0.0000355 %		
		601-052-00-2	202-049-5	91-20-3									
18		acenaphthylene				0.197	mg/kg		0.197	mg/kg	0.0000197 %		
			205-917-1	208-96-8									
19		acenaphthene				0.021	mg/kg		0.021	mg/kg	0.0000021 %		
			201-469-6	83-32-9									
20		fluorene				0.028	mg/kg		0.028	mg/kg	0.0000028 %		
			201-695-5	86-73-7									
21		phenanthrene				2.211	mg/kg		2.211	mg/kg	0.000221 %		
			201-581-5	85-01-8									
22		anthracene				0.354	mg/kg		0.354	mg/kg	0.0000354 %		
			204-371-1	120-12-7									
23		fluoranthene				4.741	mg/kg		4.741	mg/kg	0.000474 %		
			205-912-4	206-44-0									
24		pyrene				4.243	mg/kg		4.243	mg/kg	0.000424 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				2.767	mg/kg		2.767	mg/kg	0.000277 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				3.094	mg/kg		3.094	mg/kg	0.000309 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				2.29	mg/kg		2.29	mg/kg	0.000229 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				1.363	mg/kg		1.363	mg/kg	0.000136 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.778	mg/kg		0.778	mg/kg	0.0000778 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.206	mg/kg		0.206	mg/kg	0.0000206 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.111 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00288%)

Classification of sample: MGI/BH/640[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
MGI/BH/640[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<**LOD**
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	32 mg/kg		32 mg/kg	0.0032 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		144 mg/kg	2.469	355.579 mg/kg	0.0356 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<**LOD**
15	pH			PH		7.88 pH		7.88 pH	7.88 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		acenaphthylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-917-1	208-96-8									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0575 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/641

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
MGI/BH/641	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.5 pH)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<**LOD**
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<**LOD**
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		76 mg/kg	1.126	85.568 mg/kg	0.00856 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	186 mg/kg		186 mg/kg	0.0186 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		130 mg/kg	2.469	321.009 mg/kg	0.0321 %		
9	TPH (C6 to C40) petroleum group			TPH		1.792 mg/kg		1.792 mg/kg	0.000179 %		
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2.5	mg/kg	1.884	<4.71	mg/kg	<0.000471 %		<LOD
		006-007-00-5											
16		pH				11.5	pH		11.5	pH	11.5 pH		
				PH									
17		naphthalene				0.036	mg/kg		0.036	mg/kg	0.0000036 %		
		601-052-00-2	202-049-5	91-20-3									
18		acenaphthylene				0.004	mg/kg		0.004	mg/kg	0.0000004 %		
			205-917-1	208-96-8									
19		acenaphthene				0.007	mg/kg		0.007	mg/kg	0.0000007 %		
			201-469-6	83-32-9									
20		fluorene				0.002	mg/kg		0.002	mg/kg	0.0000002 %		
			201-695-5	86-73-7									
21		phenanthrene				0.202	mg/kg		0.202	mg/kg	0.0000202 %		
			201-581-5	85-01-8									
22		anthracene				0.056	mg/kg		0.056	mg/kg	0.0000056 %		
			204-371-1	120-12-7									
23		fluoranthene				0.327	mg/kg		0.327	mg/kg	0.0000327 %		
			205-912-4	206-44-0									
24		pyrene				0.327	mg/kg		0.327	mg/kg	0.0000327 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.207	mg/kg		0.207	mg/kg	0.0000207 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.233	mg/kg		0.233	mg/kg	0.0000233 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.121	mg/kg		0.121	mg/kg	0.0000121 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.098	mg/kg		0.098	mg/kg	0.0000098 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.023	mg/kg		0.023	mg/kg	0.0000023 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.026	mg/kg		0.026	mg/kg	0.0000026 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0693 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00017%)

Classification of sample: MGI/BH/642A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/642A
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28	mg/kg	1.32	36.969	mg/kg	0.0037 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		78	mg/kg	1.126	87.819	mg/kg	0.00878 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	241	mg/kg		241	mg/kg	0.0241 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47	mg/kg	2.976	139.884	mg/kg	0.014 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5	mg/kg	2.554	<1.277	mg/kg	<0.000128 %		<LOD
8	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		402	mg/kg	2.469	992.657	mg/kg	0.0993 %		
9	TPH (C6 to C40) petroleum group			TPH		26.242	mg/kg		26.242	mg/kg	0.00262 %		
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5	mg/kg	1.884	<4.71	mg/kg	<0.000471 %		<LOD
16	pH			PH		8.04	pH		8.04	pH	8.04 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		naphthalene				0.199	mg/kg		0.199	mg/kg	0.0000199 %		
		601-052-00-2	202-049-5	91-20-3									
18		acenaphthylene				0.156	mg/kg		0.156	mg/kg	0.0000156 %		
			205-917-1	208-96-8									
19		acenaphthene				1.008	mg/kg		1.008	mg/kg	0.000101 %		
			201-469-6	83-32-9									
20		fluorene				0.87	mg/kg		0.87	mg/kg	0.000087 %		
			201-695-5	86-73-7									
21		phenanthrene				1.142	mg/kg		1.142	mg/kg	0.000114 %		
			201-581-5	85-01-8									
22		anthracene				1.713	mg/kg		1.713	mg/kg	0.000171 %		
			204-371-1	120-12-7									
23		fluoranthene				1.501	mg/kg		1.501	mg/kg	0.00015 %		
			205-912-4	206-44-0									
24		pyrene				1.219	mg/kg		1.219	mg/kg	0.000122 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				1.856	mg/kg		1.856	mg/kg	0.000186 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				3.004	mg/kg		3.004	mg/kg	0.0003 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				1.876	mg/kg		1.876	mg/kg	0.000188 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				1.151	mg/kg		1.151	mg/kg	0.000115 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.614	mg/kg		0.614	mg/kg	0.0000614 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.232	mg/kg		0.232	mg/kg	0.0000232 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
32		tetrachloroethylene				0.005	mg/kg		0.005	mg/kg	0.0000005 %		
		602-028-00-4	204-825-9	127-18-4									
										Total:	0.155 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00262%)

Classification of sample: MGI/BH/642A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/642A[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	22 mg/kg		22 mg/kg	0.0022 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		89 mg/kg	2.469	219.767 mg/kg	0.022 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
10	pH			PH		8.13 pH		8.13 pH	8.13 pH		
11	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	acenaphthene		201-469-6	83-32-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	fluorene		201-695-5	86-73-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	phenanthrene		201-581-5	85-01-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	anthracene		204-371-1	120-12-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	fluoranthene		205-912-4	206-44-0		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pyrene		204-927-3	129-00-0		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
20		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
21		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
22		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
23		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
24		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
25		phenol				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0399 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/701

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
MGI/BH/701	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<**LOD**
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130 mg/kg	1.126	146.365 mg/kg	0.0146 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	427 mg/kg		427 mg/kg	0.0427 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		65 mg/kg	2.976	193.457 mg/kg	0.0193 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<**LOD**
8	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		184 mg/kg	2.469	454.351 mg/kg	0.0454 %		
9	TPH (C6 to C40) petroleum group			TPH		10.291 mg/kg		10.291 mg/kg	0.00103 %		
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<**LOD**
16	pH			PH		7.45 pH		7.45 pH	7.45 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		naphthalene				0.088	mg/kg		0.088	mg/kg	0.0000088 %		
		601-052-00-2	202-049-5	91-20-3									
18	●	acenaphthylene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
			205-917-1	208-96-8									
19	●	acenaphthene				0.171	mg/kg		0.171	mg/kg	0.0000171 %		
			201-469-6	83-32-9									
20	●	fluorene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			201-695-5	86-73-7									
21	●	phenanthrene				1.837	mg/kg		1.837	mg/kg	0.000184 %		
			201-581-5	85-01-8									
22	●	anthracene				0.529	mg/kg		0.529	mg/kg	0.0000529 %		
			204-371-1	120-12-7									
23	●	fluoranthene				1.996	mg/kg		1.996	mg/kg	0.0002 %		
			205-912-4	206-44-0									
24	●	pyrene				1.763	mg/kg		1.763	mg/kg	0.000176 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				1.003	mg/kg		1.003	mg/kg	0.0001 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.845	mg/kg		0.845	mg/kg	0.0000845 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.526	mg/kg		0.526	mg/kg	0.0000526 %		
		601-032-00-3	200-028-5	50-32-8									
28	●	indeno[123-cd]pyrene				0.237	mg/kg		0.237	mg/kg	0.0000237 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.169	mg/kg		0.169	mg/kg	0.0000169 %		
		601-041-00-2	200-181-8	53-70-3									
30	●	benzo[ghi]perylene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			205-883-8	191-24-2									
31		tetrachloroethylene				0.423	mg/kg		0.423	mg/kg	0.0000423 %		
		602-028-00-4	204-825-9	127-18-4									
										Total:	0.127 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00103%)

Classification of sample: NBH21

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH21
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.591 mg/kg	0.000359 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		75 mg/kg	1.126	84.442 mg/kg	0.00844 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	120 mg/kg		120 mg/kg	0.012 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.39 mg/kg	1.353	0.528 mg/kg	0.0000528 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.5 mg/kg	1.5	8.251 mg/kg	0.000825 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58 mg/kg	2.976	172.623 mg/kg	0.0173 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.6 mg/kg	2.554	6.64 mg/kg	0.000664 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		130 mg/kg	2.469	321.009 mg/kg	0.0321 %		
11	TPH (C6 to C40) petroleum group			TPH		69 mg/kg		69 mg/kg	0.0069 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	pH			PH		7.8 pH		7.8 pH	7.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0833 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0069%)

Classification of sample: NBH214

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH214	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.355%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.355%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

dicopper oxide; copper (I) oxide: (compound conc.: 0.146%)
lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.13%)
zinc sulphate: (compound conc.: 0.617%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 1.7e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.355%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1		antimony { antimony trioxide }				9.6 mg/kg	1.197	11.492 mg/kg	0.00115 %		
		051-005-00-X	215-175-0	1309-64-4							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
2		arsenic { arsenic trioxide }				420	mg/kg	1.32	554.537	mg/kg	0.0555 %		
		033-003-00-0	215-481-4	1327-53-3									
3		cadmium { cadmium oxide }				6	mg/kg	1.142	6.854	mg/kg	0.000685 %		
		048-002-00-0	215-146-2	1306-19-0									
4		copper { dicopper oxide; copper (I) oxide }				1300	mg/kg	1.126	1463.655	mg/kg	0.146 %		
		029-002-00-X	215-270-7	1317-39-1									
5		lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	1300	mg/kg		1300	mg/kg	0.13 %		
		082-001-00-6											
6		mercury { mercury dichloride }				0.54	mg/kg	1.353	0.731	mg/kg	0.0000731 %		
		080-010-00-X	231-299-8	7487-94-7									
7		molybdenum { molybdenum(VI) oxide }				18	mg/kg	1.5	27.003	mg/kg	0.0027 %		
		042-001-00-9	215-204-7	1313-27-5									
8		nickel { nickel chromate }				25	mg/kg	2.976	74.407	mg/kg	0.00744 %		
		028-035-00-7	238-766-5	14721-18-7									
9		selenium { nickel selenate }				0.74	mg/kg	2.554	1.89	mg/kg	0.000189 %		
		028-031-00-5	239-125-2	15060-62-5									
10		zinc { zinc sulphate }				2500	mg/kg	2.469	6173.241	mg/kg	0.617 %		
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11		TPH (C6 to C40) petroleum group				3546	mg/kg		3546	mg/kg	0.355 %		
				TPH									
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
13		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
14		toluene				0.0017	mg/kg		0.0017	mg/kg	0.00000017 %		
		601-021-00-3	203-625-9	108-88-3									
15		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
		006-007-00-5											
17		pH				8.6	pH		8.6	pH	8.6 pH		
				PH									
18		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
			201-469-6	83-32-9									
21		fluorene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
			201-695-5	86-73-7									
22		phenanthrene				4	mg/kg		4	mg/kg	0.0004 %		
			201-581-5	85-01-8									
23		anthracene				1	mg/kg		1	mg/kg	0.0001 %		
			204-371-1	120-12-7									
24		fluoranthene				6.1	mg/kg		6.1	mg/kg	0.00061 %		
			205-912-4	206-44-0									
25		pyrene				5.7	mg/kg		5.7	mg/kg	0.00057 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				2	mg/kg		2	mg/kg	0.0002 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				3.5	mg/kg		3.5	mg/kg	0.00035 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
		601-032-00-3	200-028-5	50-32-8									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
31		indeno[123-cd]pyrene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	1.319 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Potentially Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH214[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH214[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1		pH				8.6 pH		8.6 pH	8.6 pH		
				PH							
								Total:	0%		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: NBH215

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH215
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		38 mg/kg	1.126	42.784 mg/kg	0.00428 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	90 mg/kg		90 mg/kg	0.009 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2 mg/kg	1.5	3 mg/kg	0.0003 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		150 mg/kg	2.469	370.394 mg/kg	0.037 %		
11	TPH (C6 to C40) petroleum group			TPH		120.6 mg/kg		120.6 mg/kg	0.0121 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	pH			PH		9.3 pH		9.3 pH	9.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				3.5	mg/kg		3.5	mg/kg	0.00035 %		
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			205-912-4	206-44-0									
25		pyrene				0.93	mg/kg		0.93	mg/kg	0.000093 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.87	mg/kg		0.87	mg/kg	0.000087 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.93	mg/kg		0.93	mg/kg	0.000093 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0758 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0121%)

Classification of sample: NBH215[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH215[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4	mg/kg	1.197	4.07	mg/kg	0.000407 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.6	mg/kg	1.142	4.112	mg/kg	0.000411 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		46	mg/kg	1.126	51.791	mg/kg	0.00518 %		
5		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	77	mg/kg		77	mg/kg	0.0077 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.45	mg/kg	1.353	0.609	mg/kg	0.0000609 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5	mg/kg	1.5	7.501	mg/kg	0.00075 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		74	mg/kg	2.976	220.244	mg/kg	0.022 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.79	mg/kg	2.554	2.018	mg/kg	0.000202 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		130	mg/kg	2.469	321.009	mg/kg	0.0321 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		0.0089	mg/kg		0.0089	mg/kg	0.00000089 %		
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8	pH		8	pH	8pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		0.47	mg/kg		0.47	mg/kg	0.000047 %		
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0717 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

benzene: (conc.: 8.9e-07%)

Classification of sample: NBH216A

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH216A	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.25 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.829%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.829%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 2.2e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.829%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.2 mg/kg	1.197	7.422 mg/kg	0.000742 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.67 mg/kg	1.142	0.765 mg/kg	0.0000765 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		68 mg/kg	1.126	76.56 mg/kg	0.00766 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
6		mercury { mercury dichloride }				0.43	mg/kg	1.353	0.582	mg/kg	0.0000582 %		
		080-010-00-X	231-299-8	7487-94-7									
7		molybdenum { molybdenum(VI) oxide }				<0.5	mg/kg	1.5	<0.75	mg/kg	<0.000075 %		<LOD
		042-001-00-9	215-204-7	1313-27-5									
8		nickel { nickel chromate }				36	mg/kg	2.976	107.146	mg/kg	0.0107 %		
		028-035-00-7	238-766-5	14721-18-7									
9		selenium { nickel selenate }				0.61	mg/kg	2.554	1.558	mg/kg	0.000156 %		
		028-031-00-5	239-125-2	15060-62-5									
10		zinc { zinc sulphate }				110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
		030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11		TPH (C6 to C40) petroleum group				8294.6	mg/kg		8294.6	mg/kg	0.829 %		
				TPH									
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
13		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
14		toluene				0.0022	mg/kg		0.0022	mg/kg	0.00000022 %		
		601-021-00-3	203-625-9	108-88-3									
15		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
17		pH				8.5	pH		8.5	pH	8.5 pH		
				PH									
18		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
			201-469-6	83-32-9									
21		fluorene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
			201-695-5	86-73-7									
22		phenanthrene				19	mg/kg		19	mg/kg	0.0019 %		
			201-581-5	85-01-8									
23		anthracene				8.6	mg/kg		8.6	mg/kg	0.00086 %		
			204-371-1	120-12-7									
24		fluoranthene				36	mg/kg		36	mg/kg	0.0036 %		
			205-912-4	206-44-0									
25		pyrene				28	mg/kg		28	mg/kg	0.0028 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				20	mg/kg		20	mg/kg	0.002 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				18	mg/kg		18	mg/kg	0.0018 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				23	mg/kg		23	mg/kg	0.0023 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				9.4	mg/kg		9.4	mg/kg	0.00094 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				19	mg/kg		19	mg/kg	0.0019 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				9.5	mg/kg		9.5	mg/kg	0.00095 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				10	mg/kg		10	mg/kg	0.001 %		
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.916 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Potentially Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH216A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH216A[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.6 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.9 mg/kg	1.32	7.79 mg/kg	0.000779 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.55 mg/kg	1.142	0.628 mg/kg	0.0000628 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14 mg/kg	1.126	15.762 mg/kg	0.00158 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	30 mg/kg		30 mg/kg	0.003 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15 mg/kg	2.976	44.644 mg/kg	0.00446 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.21 mg/kg	2.554	0.536 mg/kg	0.0000536 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		29 mg/kg	2.469	71.61 mg/kg	0.00716 %		
11	TPH (C6 to C40) petroleum group			TPH		687.3 mg/kg		687.3 mg/kg	0.0687 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
			201-695-5	86-73-7									
22		phenanthrene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			201-581-5	85-01-8									
23		anthracene				0.94	mg/kg		0.94	mg/kg	0.000094 %		
			204-371-1	120-12-7									
24		fluoranthene				3	mg/kg		3	mg/kg	0.0003 %		
			205-912-4	206-44-0									
25		pyrene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.96	mg/kg		0.96	mg/kg	0.000096 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0877 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0687%)

Classification of sample: NBH216A[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH216A[3]
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2	mg/kg	1.197	2.634	mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37	mg/kg	1.126	41.658	mg/kg	0.00417 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	170	mg/kg		170	mg/kg	0.017 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2	mg/kg	1.353	1.624	mg/kg	0.000162 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1	mg/kg	1.5	6.151	mg/kg	0.000615 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53	mg/kg	2.976	157.742	mg/kg	0.0158 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.6	mg/kg	2.554	1.532	mg/kg	0.000153 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		77	mg/kg	2.469	190.136	mg/kg	0.019 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.6	pH		8.6	pH	8.6 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				0.97	mg/kg		0.97	mg/kg	0.000097 %		
			205-912-4	206-44-0									
24		pyrene				0.8	mg/kg		0.8	mg/kg	0.00008 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				0.71	mg/kg		0.71	mg/kg	0.000071 %		
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0605 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH216A[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH216A[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
7.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1	●	pH		PH		8.4 pH		8.4 pH	8.4 pH		
								Total:	0%		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: NBH216A[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH216A[5]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
23.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
1		pH				8.5 pH		8.5 pH	8.5 pH		
				PH							
								Total:	0%		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: NBH217

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH217
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	120 mg/kg		120 mg/kg	0.012 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.1 mg/kg	1.5	4.651 mg/kg	0.000465 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.51 mg/kg	2.554	1.302 mg/kg	0.00013 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		81 mg/kg	2.469	200.013 mg/kg	0.02 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5 mg/kg	1.884	0.942 mg/kg	0.0000942 %		
16	pH			PH		9.2 pH		9.2 pH	9.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				1	mg/kg		1	mg/kg	0.0001 %		
			201-581-5	85-01-8									
22		anthracene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			204-371-1	120-12-7									
23		fluoranthene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-912-4	206-44-0									
24		pyrene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.66	mg/kg		0.66	mg/kg	0.000066 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.65	mg/kg		0.65	mg/kg	0.000065 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0525 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH217[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH217[2]
Sample Depth:
1.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		34 mg/kg	1.126	38.28 mg/kg	0.00383 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	98 mg/kg		98 mg/kg	0.0098 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	5.701 mg/kg	0.00057 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.91 mg/kg	2.554	2.324 mg/kg	0.000232 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		77 mg/kg	2.469	190.136 mg/kg	0.019 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.6 pH		8.6 pH	8.6 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0497 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **lead compounds with the exception of those specified elsewhere in this Annex**

CLP index number: 082-001-00-6
Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers many simple lead compounds to be Carcinogenic category 2
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

2,3,7,8-TeCDD (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,7,8-PeCDD (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,4,7,8-HxCDD (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDD (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,6,7,8-HpCDD (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDD (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

2,3,7,8-TeCDF (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8-PeCDF (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

2,3,4,7,8-PeCDF (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

- **1,2,3,4,7,8-HxCDF** (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,6,7,8-HxCDF** (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8,9-HxCDF** (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **2,3,4,6,7,8-HxCDF** (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,4,7,8,9-HpCDF** (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

- **OCDF** (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

- **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Due to the low noted concentrations of chromium, it is not possible that lead will be present as lead chromate within soils.

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc sulphate}

Due to the low noted concentrations of chromium, it is not possible that zinc will be present as zinc chromate within soils. Zinc sulphate adopted as likely worst case compound.

beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

ZWROY-JZWX1-EF07K

Job name

Metrolink - O'Connell

Description/Comments

Project

Metrolink

Site

O'Connell

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 14:24 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH45	0.5	Hazardous	HP 3(i), HP 7, HP 11	3
2	ABH45[2]	1	Non Hazardous		6
3	ABH45[3]	3	Hazardous	HP 8	9
4	ABH45[4]	3.5	Non Hazardous		12
5	ABH45[5]	4.5	Non Hazardous		15
6	ABH45[6]	5.5	Non Hazardous		18
7	ABH45[7]	10.5	Non Hazardous		21
8	ABH45[8]	12.5	Non Hazardous		24
9	ABH45A	15.5	Non Hazardous		27
10	ABH45A[2]	22	Non Hazardous		29
11	ABH46	1.5	Non Hazardous		31
12	ABH46[2]	2.5	Non Hazardous		33
13	ABH46[3]	4.6	Non Hazardous		35
14	ABH46[4]	14	Non Hazardous		37
15	ABH46[5]	20	Non Hazardous		39
16	ABH46[6]	29.8	Non Hazardous		41
17	ATP47	0.2	Hazardous	HP 8	44
18	ATP47[2]	2.2	Hazardous	HP 3(i), HP 7, HP 11	47
19	NBH23A	0.5	Non Hazardous		50
20	NBH23A[2]	1.2	Hazardous	HP 3(i), HP 7, HP 11	53
21	BH10	1.2	Non Hazardous		56
22	NBH22	0.7	Non Hazardous		57
23	NBH24	0.3	Non Hazardous		59
24	NBH24[2]	1	Non Hazardous		62
25	NBH302	0.5	Non Hazardous		65
26	NBH303	0.5	Hazardous	HP 8	67
27	NBH304	0.5	Non Hazardous		69
28	NBH304[2]	1	Non Hazardous		72

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 14:24 GMT

Classification of sample: ABH45

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH45	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.399%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.399%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.399%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		antimony { antimony trioxide }		2.8 mg/kg	1.197	3.352 mg/kg	0.000335 %		
		051-005-00-X / 215-175-0 / 1309-64-4							
2		arsenic { arsenic trioxide }		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
		033-003-00-0 / 215-481-4 / 1327-53-3							
3		cadmium { cadmium oxide }		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
		048-002-00-0 / 215-146-2 / 1306-19-0							
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
		215-160-9 / 1308-38-9							
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }		<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
		024-017-00-8							
6		copper { dicopper oxide; copper (I) oxide }		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
		029-002-00-X / 215-270-7 / 1317-39-1							

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	180	mg/kg	1.56	280.767	mg/kg	0.018 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.4	mg/kg	1.353	0.541	mg/kg	0.0000541 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2	mg/kg	1.5	<3	mg/kg	<0.0003 %		<LOD
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28	mg/kg	2.976	83.335	mg/kg	0.00833 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
12		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		95	mg/kg	2.774	263.544	mg/kg	0.0264 %		
13		TPH (C6 to C40) petroleum group			TPH		3989	mg/kg		3989	mg/kg	0.399 %		
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		pH			PH		10.5	pH		10.5	pH	10.5 pH		
19		naphthalene	601-052-00-2	202-049-5	91-20-3		4.7	mg/kg		4.7	mg/kg	0.00047 %		
20		acenaphthylene		205-917-1	208-96-8		0.39	mg/kg		0.39	mg/kg	0.000039 %		
21		acenaphthene		201-469-6	83-32-9		4.5	mg/kg		4.5	mg/kg	0.00045 %		
22		fluorene		201-695-5	86-73-7		4.4	mg/kg		4.4	mg/kg	0.00044 %		
23		phenanthrene		201-581-5	85-01-8		40	mg/kg		40	mg/kg	0.004 %		
24		anthracene		204-371-1	120-12-7		8.1	mg/kg		8.1	mg/kg	0.00081 %		
25		fluoranthene		205-912-4	206-44-0		44	mg/kg		44	mg/kg	0.0044 %		
26		pyrene		204-927-3	129-00-0		39	mg/kg		39	mg/kg	0.0039 %		
27		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		21	mg/kg		21	mg/kg	0.0021 %		
28		chrysene	601-048-00-0	205-923-4	218-01-9		20	mg/kg		20	mg/kg	0.002 %		
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		23	mg/kg		23	mg/kg	0.0023 %		
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		9.5	mg/kg		9.5	mg/kg	0.00095 %		
31		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		19	mg/kg		19	mg/kg	0.0019 %		
32		indeno[123-cd]pyrene		205-893-2	193-39-5		10	mg/kg		10	mg/kg	0.001 %		
33		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		2.9	mg/kg		2.9	mg/kg	0.00029 %		
34		benzo[ghi]perylene		205-883-8	191-24-2		11	mg/kg		11	mg/kg	0.0011 %		
35		phenol	604-001-00-2	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
36		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.48	ng/kg		<4.8e-07	mg/kg	<4.8e-11 %		<**LOD**
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				4.62	ng/kg		4.62e-06	mg/kg	4.62e-10 %		
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				3.87	ng/kg		3.87e-06	mg/kg	3.87e-10 %		
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				8.97	ng/kg		8.97e-06	mg/kg	8.97e-10 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				569	ng/kg		0.0005	mg/kg	0.000000056 %		
				35822-46-9									
46		OCDD				4880	ng/kg		0.0048	mg/kg	0.000000488 %		
				3268-87-9									
47		2,3,7,8-TeCDF				9.99	ng/kg		9.99e-06	mg/kg	9.99e-10 %		
				51207-31-9									
48		1,2,3,7,8-PeCDF				10.3	ng/kg		1.03e-05	mg/kg	0.000000001 %		
				57117-41-6									
49		2,3,4,7,8-PeCDF				16.8	ng/kg		1.68e-05	mg/kg	0.000000001 %		
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				19.2	ng/kg		1.92e-05	mg/kg	0.000000001 %		
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				14.4	ng/kg		1.44e-05	mg/kg	0.000000001 %		
				57117-44-9									
52		1,2,3,7,8,9-HxCDF				0.962	ng/kg		9.62e-07	mg/kg	9.62e-11 %		
				72918-21-9									
53		2,3,4,6,7,8-HxCDF				11.9	ng/kg		1.19e-05	mg/kg	0.000000001 %		
				60851-34-5									
54		1,2,3,4,7,8,9-HpCDF				12.4	ng/kg		1.24e-05	mg/kg	0.000000001 %		
				55673-89-7									
55		OCDF				601	ng/kg		0.0006	mg/kg	0.00000006 %		
				39001-02-0									
										Total:	0.487 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH45[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH45[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.69 mg/kg	1.142	0.788 mg/kg	0.0000788 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.5 mg/kg	1.462	13.885 mg/kg	0.00139 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	93 mg/kg	1.56	145.063 mg/kg	0.0093 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.26 mg/kg	1.353	0.352 mg/kg	0.0000352 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		18 mg/kg	2.976	53.573 mg/kg	0.00536 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		160 mg/kg	2.774	443.863 mg/kg	0.0444 %		
13	TPH (C6 to C40) petroleum group			TPH		784.4 mg/kg		784.4 mg/kg	0.0784 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		9.1 pH		9.1 pH	9.1 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		0.47 mg/kg		0.47 mg/kg	0.000047 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
			205-917-1	208-96-8									
21		acenaphthene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
			201-469-6	83-32-9									
22		fluorene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
			201-695-5	86-73-7									
23		phenanthrene				25	mg/kg		25	mg/kg	0.0025 %		
			201-581-5	85-01-8									
24		anthracene				4.9	mg/kg		4.9	mg/kg	0.00049 %		
			204-371-1	120-12-7									
25		fluoranthene				38	mg/kg		38	mg/kg	0.0038 %		
			205-912-4	206-44-0									
26		pyrene				30	mg/kg		30	mg/kg	0.003 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				19	mg/kg		19	mg/kg	0.0019 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				18	mg/kg		18	mg/kg	0.0018 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				21	mg/kg		21	mg/kg	0.0021 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				6.6	mg/kg		6.6	mg/kg	0.00066 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				16	mg/kg		16	mg/kg	0.0016 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				7.3	mg/kg		7.3	mg/kg	0.00073 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				2.1	mg/kg		2.1	mg/kg	0.00021 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				8.3	mg/kg		8.3	mg/kg	0.00083 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.165 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0784%)

Classification of sample: ABH45[3]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH45[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.5 pH)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.63 mg/kg	1.142	0.72 mg/kg	0.000072 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130 mg/kg	1.126	146.365 mg/kg	0.0146 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	37 mg/kg	1.56	57.713 mg/kg	0.0037 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		140 mg/kg	2.774	388.381 mg/kg	0.0388 %		
13	TPH (C6 to C40) petroleum group			TPH		152 mg/kg		152 mg/kg	0.0152 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		pH			PH		11.5	pH		11.5	pH	11.5 pH		
19		naphthalene	601-052-00-2	202-049-5	91-20-3		0.13	mg/kg		0.13	mg/kg	0.000013 %		
20		acenaphthylene		205-917-1	208-96-8		0.029	mg/kg		0.029	mg/kg	0.0000029 %		
21		acenaphthene		201-469-6	83-32-9		0.098	mg/kg		0.098	mg/kg	0.0000098 %		
22		fluorene		201-695-5	86-73-7		0.063	mg/kg		0.063	mg/kg	0.0000063 %		
23		phenanthrene		201-581-5	85-01-8		0.73	mg/kg		0.73	mg/kg	0.000073 %		
24		anthracene		204-371-1	120-12-7		0.15	mg/kg		0.15	mg/kg	0.000015 %		
25		fluoranthene		205-912-4	206-44-0		0.96	mg/kg		0.96	mg/kg	0.000096 %		
26		pyrene		204-927-3	129-00-0		0.87	mg/kg		0.87	mg/kg	0.000087 %		
27		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.48	mg/kg		0.48	mg/kg	0.000048 %		
28		chrysene	601-048-00-0	205-923-4	218-01-9		0.39	mg/kg		0.39	mg/kg	0.000039 %		
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.54	mg/kg		0.54	mg/kg	0.000054 %		
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.23	mg/kg		0.23	mg/kg	0.000023 %		
31		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.38	mg/kg		0.38	mg/kg	0.000038 %		
32		indeno[123-cd]pyrene		205-893-2	193-39-5		0.25	mg/kg		0.25	mg/kg	0.000025 %		
33		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
34		benzo[ghi]perylene		205-883-8	191-24-2		0.28	mg/kg		0.28	mg/kg	0.000028 %		
35		phenol	604-001-00-2	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
36		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
38		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
39		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
40		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
41		2,3,7,8-TeCDD		217-122-7	1746-01-6		<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
42		1,2,3,7,8-PeCDD			40321-76-4		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
43		1,2,3,4,7,8-HxCDD			39227-28-6		<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
44		1,2,3,7,8,9-HxCDD			19408-74-3		<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
45		1,2,3,4,6,7,8-HpCDD			35822-46-9		6.39	ng/kg		6.39e-06	mg/kg	6.39e-10 %		
46		OCDD			3268-87-9		36.7	ng/kg		3.67e-05	mg/kg	0.000000003 %		
47		2,3,7,8-TeCDF			51207-31-9		<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
48		1,2,3,7,8-PeCDF			57117-41-6		<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
49		2,3,4,7,8-PeCDF		57117-31-4		<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<**LOD**
50		1,2,3,4,7,8-HxCDF		70648-26-9		<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<**LOD**
51		1,2,3,6,7,8-HxCDF		57117-44-9		<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<**LOD**
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<**LOD**
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.196	ng/kg		1.96e-07	mg/kg	1.96e-11 %		
55		OCDF		39001-02-0		1.95	ng/kg		1.95e-06	mg/kg	1.95e-10 %		
										Total:	0.0917 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0152%)

Classification of sample: ABH45[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH45[4]
Sample Depth:
3.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	76 mg/kg	1.56	118.546 mg/kg	0.0076 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.79 mg/kg	1.353	1.069 mg/kg	0.000107 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7 mg/kg	1.5	4.051 mg/kg	0.000405 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.93 mg/kg	2.554	2.375 mg/kg	0.000238 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130 mg/kg	2.774	360.639 mg/kg	0.0361 %		
13	TPH (C6 to C40) petroleum group			TPH		63 mg/kg		63 mg/kg	0.0063 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		0.0015 mg/kg		0.0015 mg/kg	0.00000015 %		
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		9.2 pH		9.2 pH	9.2 pH		
19	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
23		phenanthrene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
25		fluoranthene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			205-912-4	206-44-0									
26		pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.079	mg/kg		0.079	mg/kg	0.0000079 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.056	mg/kg		0.056	mg/kg	0.0000056 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.067	mg/kg		0.067	mg/kg	0.0000067 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.056	mg/kg		0.056	mg/kg	0.0000056 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.079	mg/kg		0.079	mg/kg	0.0000079 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<**LOD**
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<**LOD**
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<**LOD**
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<**LOD**
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				10.2	ng/kg		1.02e-05	mg/kg	0.000000001 %		
				35822-46-9									
46		OCDD				83.1	ng/kg		8.31e-05	mg/kg	0.000000008 %		
				3268-87-9									
47		2,3,7,8-TeCDF				6.02	ng/kg		6.02e-06	mg/kg	6.02e-10 %		
				51207-31-9									
48		1,2,3,7,8-PeCDF				0.727	ng/kg		7.27e-07	mg/kg	7.27e-11 %		
				57117-41-6									
49		2,3,4,7,8-PeCDF				1.04	ng/kg		1.04e-06	mg/kg	1.04e-10 %		
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<**LOD**
				70648-26-9									
51		1,2,3,6,7,8-HxCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<**LOD**
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		0.414	ng/kg		4.14e-07	mg/kg	4.14e-11 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.336	ng/kg		3.36e-07	mg/kg	3.36e-11 %		
55		OCDF		39001-02-0		5.12	ng/kg		5.12e-06	mg/kg	5.12e-10 %		
										Total:	0.0719 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 1.5e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0063%)

Classification of sample: ABH45[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH45[5]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<**LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15	mg/kg	1.32	19.805	mg/kg	0.00198 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2	mg/kg	1.142	1.371	mg/kg	0.000137 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16	mg/kg	1.126	18.014	mg/kg	0.0018 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19	mg/kg	1.56	29.636	mg/kg	0.0019 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14	mg/kg	1.353	0.189	mg/kg	0.0000189 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.2	mg/kg	1.5	3.3	mg/kg	0.00033 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29	mg/kg	2.976	86.312	mg/kg	0.00863 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.35	mg/kg	2.554	0.894	mg/kg	0.0000894 %		
12		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61	mg/kg	2.774	169.223	mg/kg	0.0169 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		9.2	pH		9.2	pH	9.2 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			205-912-4	206-44-0									
25		pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				0.205	ng/kg		2.05e-07	mg/kg	2.05e-11 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				3.07	ng/kg		3.07e-06	mg/kg	3.07e-10 %		
				35822-46-9									
45		OCDD				25.6	ng/kg		2.56e-05	mg/kg	0.000000002 %		
				3268-87-9									
46		2,3,7,8-TeCDF				0.815	ng/kg		8.15e-07	mg/kg	8.15e-11 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				0.37	ng/kg		3.7e-07	mg/kg	3.7e-11 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<**LOD**
54		OCDF		39001-02-0		2.02	ng/kg		2.02e-06	mg/kg	2.02e-10 %		
										Total:	0.0338 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH45[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH45[6]
Sample Depth:
5.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		13 mg/kg	1.126	14.637 mg/kg	0.00146 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11 mg/kg	1.56	17.158 mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.6 mg/kg	0.00036 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		29 mg/kg	2.774	80.45 mg/kg	0.00805 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.05	ng/kg		<5.0e-08	mg/kg	<5.0e-12 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<LOD
				35822-46-9									
45		OCDD				1.57	ng/kg		1.57e-06	mg/kg	1.57e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.05	ng/kg		<5.0e-08	mg/kg	<5.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.05	ng/kg		<5.0e-08	mg/kg	<5.0e-12 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.05	ng/kg		<5.0e-08	mg/kg	<5.0e-12 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.05	ng/kg		<5.0e-08	mg/kg	<5.0e-12 %		<**LOD**
54		OCDF		39001-02-0		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<**LOD**
										Total:	0.0212 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH45[7]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH45[7]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
10.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.4 mg/kg	1.462	12.277 mg/kg	0.00123 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	28.147 mg/kg	0.00281 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14 mg/kg	1.56	21.837 mg/kg	0.0014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26 mg/kg	2.976	77.383 mg/kg	0.00774 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.51 mg/kg	2.554	1.302 mg/kg	0.00013 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		49 mg/kg	2.774	135.933 mg/kg	0.0136 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
23		anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
26		benzo[a]anthracene	200-280-6	56-55-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9											
27		chrysene	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0											
28		benzo[b]fluoranthene	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4											
29		benzo[k]fluoranthene	205-916-6	207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5											
30		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3											
31		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2											
33		benzo[ghi]perylene	205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
34		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
35		tetrachloroethylene	204-825-9	127-18-4		0.016	mg/kg		0.016	mg/kg	0.0000016 %		
		602-028-00-4											
36		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
37		trichloroethylene; trichloroethene	201-167-4	79-01-6		0.035	mg/kg		0.035	mg/kg	0.0000035 %		
		602-027-00-9											
38		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
39		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6											
40		2,3,7,8-TeCDD	217-122-7	1746-01-6		<0.26	ng/kg		<2.6e-07	mg/kg	<2.6e-11 %		<LOD
41		1,2,3,7,8-PeCDD		40321-76-4		<0.3	ng/kg		<3.0e-07	mg/kg	<3.0e-11 %		<LOD
42		1,2,3,4,7,8-HxCDD		39227-28-6		<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
43		1,2,3,7,8,9-HxCDD		19408-74-3		<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
44		1,2,3,4,6,7,8-HpCDD		35822-46-9		1.95	ng/kg		1.95e-06	mg/kg	1.95e-10 %		
45		OCDD		3268-87-9		3.63	ng/kg		3.63e-06	mg/kg	3.63e-10 %		
46		2,3,7,8-TeCDF		51207-31-9		1.47	ng/kg		1.47e-06	mg/kg	1.47e-10 %		
47		1,2,3,7,8-PeCDF		57117-41-6		<0.27	ng/kg		<2.7e-07	mg/kg	<2.7e-11 %		<LOD
48		2,3,4,7,8-PeCDF		57117-31-4		<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<LOD
49		1,2,3,4,7,8-HxCDF		70648-26-9		0.231	ng/kg		2.31e-07	mg/kg	2.31e-11 %		
50		1,2,3,6,7,8-HxCDF		57117-44-9		0.284	ng/kg		2.84e-07	mg/kg	2.84e-11 %		
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
52		2,3,4,6,7,8-HxCDF		60851-34-5		0.318	ng/kg		3.18e-07 mg/kg	3.18e-11 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.269	ng/kg		2.69e-07 mg/kg	2.69e-11 %		
54		OCDF		39001-02-0		0.818	ng/kg		8.18e-07 mg/kg	8.18e-11 %		
									Total:	0.0296 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH45[8]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH45[8]
Sample Depth:
12.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.95 mg/kg	1.142	1.085 mg/kg	0.000109 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		8.8 mg/kg	1.126	9.908 mg/kg	0.000991 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		18 mg/kg	2.976	53.573 mg/kg	0.00536 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.27 mg/kg	2.554	0.69 mg/kg	0.000069 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		35 mg/kg	2.774	97.095 mg/kg	0.00971 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.036	mg/kg		0.036	mg/kg	0.0000036 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.05	ng/kg		<5.0e-08	mg/kg	<5.0e-12 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				35822-46-9									
45		OCDD				1.25	ng/kg		1.25e-06	mg/kg	1.25e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-44-9									
51		1,2,3,7,8,9-HxCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				72918-21-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<**LOD**
54		OCDF		39001-02-0		<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<**LOD**
										Total:	0.023 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH45A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH45A	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
15.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	32 mg/kg	1.56	49.914 mg/kg	0.0032 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.28 mg/kg	2.554	0.715 mg/kg	0.0000715 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78 mg/kg	2.774	216.383 mg/kg	0.0216 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.3 pH		9.3 pH	9.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				0.045	mg/kg		0.045	mg/kg	0.0000045 %		
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.036	mg/kg		0.036	mg/kg	0.0000036 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.045	mg/kg		0.045	mg/kg	0.0000045 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0505 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH45A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH45A[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
22 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.1	mg/kg	1.197	3.711	mg/kg	0.000371 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13	mg/kg	1.32	17.164	mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.21	mg/kg	1.142	0.24	mg/kg	0.000024 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14	mg/kg	1.126	15.762	mg/kg	0.00158 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	6.7	mg/kg	1.56	10.451	mg/kg	0.00067 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		16	mg/kg	1.5	24.003	mg/kg	0.0024 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19	mg/kg	2.976	56.549	mg/kg	0.00565 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.4	mg/kg	2.554	6.129	mg/kg	0.000613 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		12	mg/kg	2.774	33.29	mg/kg	0.00333 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		9	pH		9	pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.034	mg/kg		0.034	mg/kg	0.0000034 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0183 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH46

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH46	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4 mg/kg	1.197	4.07 mg/kg	0.000407 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		42 mg/kg	1.32	55.454 mg/kg	0.00555 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.89 mg/kg	1.142	1.017 mg/kg	0.000102 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.2 mg/kg	1.462	11.985 mg/kg	0.0012 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	140 mg/kg	1.56	218.374 mg/kg	0.014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.35 mg/kg	1.353	0.474 mg/kg	0.0000474 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		48 mg/kg	2.774	133.159 mg/kg	0.0133 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.6 pH		9.6 pH	9.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			201-581-5	85-01-8									
23		anthracene				0.067	mg/kg		0.067	mg/kg	0.0000067 %		
			204-371-1	120-12-7									
24		fluoranthene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			205-912-4	206-44-0									
25		pyrene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.067	mg/kg		0.067	mg/kg	0.0000067 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0471 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH46[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH46[2]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	61 mg/kg	1.56	95.149 mg/kg	0.0061 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.37 mg/kg	1.353	0.501 mg/kg	0.0000501 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26 mg/kg	2.976	77.383 mg/kg	0.00774 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.21 mg/kg	2.554	0.536 mg/kg	0.0000536 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	213.609 mg/kg	0.0214 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0429 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH46[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH46[3]
Sample Depth:
4.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	25.895 mg/kg	0.00259 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19 mg/kg	1.56	29.636 mg/kg	0.0019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.9 mg/kg	2.554	12.514 mg/kg	0.00125 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		75 mg/kg	2.774	208.061 mg/kg	0.0208 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0438 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH46[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH46[4]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
14 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.8 mg/kg	1.142	0.914 mg/kg	0.0000914 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12 mg/kg	1.126	13.511 mg/kg	0.00135 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	10 mg/kg	1.56	15.598 mg/kg	0.001 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	68.454 mg/kg	0.00685 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.82 mg/kg	2.554	2.094 mg/kg	0.000209 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		31 mg/kg	2.774	85.999 mg/kg	0.0086 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.9 pH		8.9 pH	8.9 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0234 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH46[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH46[5]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
20 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.591 mg/kg	0.000359 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		12 mg/kg	1.5	18.002 mg/kg	0.0018 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4 mg/kg	2.554	10.215 mg/kg	0.00102 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		40 mg/kg	2.774	110.966 mg/kg	0.0111 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0408 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH46[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH46[6]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
29.8 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		34 mg/kg	1.32	44.891 mg/kg	0.00449 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.88 mg/kg	1.142	1.005 mg/kg	0.000101 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	87 mg/kg	1.56	135.704 mg/kg	0.0087 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.1 mg/kg	1.5	7.651 mg/kg	0.000765 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		84 mg/kg	2.976	250.006 mg/kg	0.025 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7 mg/kg	2.554	4.342 mg/kg	0.000434 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		98 mg/kg	2.774	271.866 mg/kg	0.0272 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		0.21 mg/kg		0.21 mg/kg	0.000021 %		
15	toluene	601-021-00-3	203-625-9	108-88-3		0.0058 mg/kg		0.0058 mg/kg	0.00000058 %		
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		1,1-dichloroethane and 1,2-dichloroethane (combined)				0.018	mg/kg		0.018	mg/kg	0.0000018 %		
			203-458-1, 200-863-5	107-06-2, 75-34-3									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0741 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 0.00002%)
toluene: (conc.: 5.8e-07%)
1,1-dichloroethane and 1,2-dichloroethane (combined): (conc.: 1.8e-06%)

Classification of sample: ATP47

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
ATP47
Sample Depth:
0.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.5 pH)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5.7 mg/kg	1.197	6.823 mg/kg	0.000682 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.74 mg/kg	1.142	0.845 mg/kg	0.0000845 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26 mg/kg	1.126	29.273 mg/kg	0.00293 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	120 mg/kg	1.56	187.178 mg/kg	0.012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17 mg/kg	2.976	50.597 mg/kg	0.00506 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		160 mg/kg	2.774	443.863 mg/kg	0.0444 %		
13	TPH (C6 to C40) petroleum group			TPH		277 mg/kg		277 mg/kg	0.0277 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
18		pH				11.5	pH		11.5	pH	11.5 pH		
				PH									
19		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				0.044	mg/kg		0.044	mg/kg	0.0000044 %		
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
23		phenanthrene				0.93	mg/kg		0.93	mg/kg	0.000093 %		
			201-581-5	85-01-8									
24		anthracene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			204-371-1	120-12-7									
25		fluoranthene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
			205-912-4	206-44-0									
26		pyrene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.9	mg/kg		0.9	mg/kg	0.00009 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.87	mg/kg		0.87	mg/kg	0.000087 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.86	mg/kg		0.86	mg/kg	0.000086 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0991 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0277%)

Classification of sample: ATP47[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP47[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.2 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.109%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.109%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.109%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	antimony { antimony trioxide }		4.8 mg/kg	1.197	5.746 mg/kg	0.000575 %		
	051-005-00-X / 215-175-0 / 1309-64-4							
2	arsenic { arsenic trioxide }		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
	033-003-00-0 / 215-481-4 / 1327-53-3							
3	cadmium { cadmium oxide }		0.83 mg/kg	1.142	0.948 mg/kg	0.0000948 %		
	048-002-00-0 / 215-146-2 / 1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
	/ 215-160-9 / 1308-38-9							
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }		<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
	024-017-00-8 / /							
6	copper { dicopper oxide; copper (I) oxide }		16 mg/kg	1.126	18.014 mg/kg	0.0018 %		
	029-002-00-X / 215-270-7 / 1317-39-1							

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	68	mg/kg	1.56	106.067	mg/kg	0.0068 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.13	mg/kg	1.353	0.176	mg/kg	0.0000176 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2	mg/kg	1.5	<3	mg/kg	<0.0003 %		<LOD
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		18	mg/kg	2.976	53.573	mg/kg	0.00536 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
12		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110	mg/kg	2.774	305.156	mg/kg	0.0305 %		
13		TPH (C6 to C40) petroleum group			TPH		1087	mg/kg		1087	mg/kg	0.109 %		
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		pH			PH		10.3	pH		10.3	pH	10.3 pH		
19		naphthalene	601-052-00-2	202-049-5	91-20-3		0.67	mg/kg		0.67	mg/kg	0.000067 %		
20		acenaphthylene		205-917-1	208-96-8		0.099	mg/kg		0.099	mg/kg	0.0000099 %		
21		acenaphthene		201-469-6	83-32-9		1.8	mg/kg		1.8	mg/kg	0.00018 %		
22		fluorene		201-695-5	86-73-7		1.3	mg/kg		1.3	mg/kg	0.00013 %		
23		phenanthrene		201-581-5	85-01-8		13	mg/kg		13	mg/kg	0.0013 %		
24		anthracene		204-371-1	120-12-7		3	mg/kg		3	mg/kg	0.0003 %		
25		fluoranthene		205-912-4	206-44-0		16	mg/kg		16	mg/kg	0.0016 %		
26		pyrene		204-927-3	129-00-0		12	mg/kg		12	mg/kg	0.0012 %		
27		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		7.4	mg/kg		7.4	mg/kg	0.00074 %		
28		chrysene	601-048-00-0	205-923-4	218-01-9		6.9	mg/kg		6.9	mg/kg	0.00069 %		
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		8.2	mg/kg		8.2	mg/kg	0.00082 %		
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		2.9	mg/kg		2.9	mg/kg	0.00029 %		
31		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		6.1	mg/kg		6.1	mg/kg	0.00061 %		
32		indeno[123-cd]pyrene		205-893-2	193-39-5		3	mg/kg		3	mg/kg	0.0003 %		
33		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.9	mg/kg		0.9	mg/kg	0.00009 %		
34		benzo[ghi]perylene		205-883-8	191-24-2		3.6	mg/kg		3.6	mg/kg	0.00036 %		
35		phenol	604-001-00-2	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
36		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.167 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH23A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH23A
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.62	mg/kg	1.142	0.708	mg/kg	0.0000708 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25	mg/kg	1.126	28.147	mg/kg	0.00281 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	130	mg/kg	1.56	202.776	mg/kg	0.013 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.32	mg/kg	1.353	0.433	mg/kg	0.0000433 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2	mg/kg	1.5	<3	mg/kg	<0.0003 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		22	mg/kg	2.976	65.478	mg/kg	0.00655 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100	mg/kg	2.774	277.415	mg/kg	0.0277 %		
11	TPH (C6 to C40) petroleum group			TPH		350.9	mg/kg		350.9	mg/kg	0.0351 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.0012	mg/kg		0.0012	mg/kg	0.00000012 %		
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
17	pH			PH		9.2	pH		9.2	pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		1.2	mg/kg		1.2	mg/kg	0.00012 %		
19	acenaphthylene		205-917-1	208-96-8		0.45	mg/kg		0.45	mg/kg	0.000045 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			201-469-6	83-32-9									
21		fluorene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			201-695-5	86-73-7									
22		phenanthrene				9.4	mg/kg		9.4	mg/kg	0.00094 %		
			201-581-5	85-01-8									
23		anthracene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
			204-371-1	120-12-7									
24		fluoranthene				9.9	mg/kg		9.9	mg/kg	0.00099 %		
			205-912-4	206-44-0									
25		pyrene				8.2	mg/kg		8.2	mg/kg	0.00082 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				5.1	mg/kg		5.1	mg/kg	0.00051 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				4.7	mg/kg		4.7	mg/kg	0.00047 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				5.1	mg/kg		5.1	mg/kg	0.00051 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				2	mg/kg		2	mg/kg	0.0002 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				4.1	mg/kg		4.1	mg/kg	0.00041 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				2	mg/kg		2	mg/kg	0.0002 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				2.7	mg/kg		2.7	mg/kg	0.00027 %		
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0948 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene: (conc.: 1.2e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0351%)

Classification of sample: NBH23A[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH23A[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.122%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.122%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.122%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.3 mg/kg	1.197	3.95 mg/kg	0.000395 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.76 mg/kg	1.142	0.868 mg/kg	0.0000868 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	170 mg/kg	1.56	265.169 mg/kg	0.017 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		**<LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		

#		Determinand	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number									
9		selenium { nickel selenate } 028-031-00-5 / 239-125-2 / 15060-62-5		0.2	mg/kg	2.554	0.511	mg/kg	0.0000511 %		
10		zinc { zinc chromate } 024-007-00-3 / 236-878-9 / 13530-65-9		160	mg/kg	2.774	443.863	mg/kg	0.0444 %		
11		TPH (C6 to C40) petroleum group TPH		1215.3	mg/kg		1215.3	mg/kg	0.122 %		
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5		0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
17		pH PH		9.1	pH		9.1	pH	9.1 pH		
18		naphthalene 601-052-00-2 / 202-049-5 / 91-20-3		2.1	mg/kg		2.1	mg/kg	0.00021 %		
19		acenaphthylene 205-917-1 / 208-96-8		0.99	mg/kg		0.99	mg/kg	0.000099 %		
20		acenaphthene 201-469-6 / 83-32-9		6.4	mg/kg		6.4	mg/kg	0.00064 %		
21		fluorene 201-695-5 / 86-73-7		5.1	mg/kg		5.1	mg/kg	0.00051 %		
22		phenanthrene 201-581-5 / 85-01-8		30	mg/kg		30	mg/kg	0.003 %		
23		anthracene 204-371-1 / 120-12-7		10	mg/kg		10	mg/kg	0.001 %		
24		fluoranthene 205-912-4 / 206-44-0		33	mg/kg		33	mg/kg	0.0033 %		
25		pyrene 204-927-3 / 129-00-0		29	mg/kg		29	mg/kg	0.0029 %		
26		benzo[a]anthracene 601-033-00-9 / 200-280-6 / 56-55-3		23	mg/kg		23	mg/kg	0.0023 %		
27		chrysene 601-048-00-0 / 205-923-4 / 218-01-9		21	mg/kg		21	mg/kg	0.0021 %		
28		benzo[b]fluoranthene 601-034-00-4 / 205-911-9 / 205-99-2		27	mg/kg		27	mg/kg	0.0027 %		
29		benzo[k]fluoranthene 601-036-00-5 / 205-916-6 / 207-08-9		8.8	mg/kg		8.8	mg/kg	0.00088 %		
30		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 / 200-028-5 / 50-32-8		20	mg/kg		20	mg/kg	0.002 %		
31		indeno[123-cd]pyrene 205-893-2 / 193-39-5		9.1	mg/kg		9.1	mg/kg	0.00091 %		
32		dibenz[a,h]anthracene 601-041-00-2 / 200-181-8 / 53-70-3		3.3	mg/kg		3.3	mg/kg	0.00033 %		
33		benzo[ghi]perylene 205-883-8 / 191-24-2		11	mg/kg		11	mg/kg	0.0011 %		
34		phenol 604-001-00-2 / 203-632-7 / 108-95-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
35		tetrachloroethylene 602-028-00-4 / 204-825-9 / 127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		carbon tetrachloride; tetrachloromethane 602-008-00-5 / 200-262-8 / 56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		trichloroethylene; trichloroethene 602-027-00-9 / 201-167-4 / 79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
38		vinyl chloride; chloroethylene 602-023-00-7 / 200-831-0 / 75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		**<LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.224 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH10

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH10	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4	mg/kg	1.32	5.281	mg/kg	0.000528 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<**LOD**
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15	mg/kg	1.126	16.888	mg/kg	0.00169 %		
4		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36	mg/kg	1.56	56.153	mg/kg	0.0036 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		12	mg/kg	2.976	35.715	mg/kg	0.00357 %		
7		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		30	mg/kg	2.774	83.224	mg/kg	0.00832 %		
8		pH			PH		8.67	pH		8.67	pH	8.67 pH		
9		phenol	604-001-00-2	203-632-7	108-95-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
											Total:	0.0178 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH22

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH22
Sample Depth:
0.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.01 mg/kg	1.197	<0.012 mg/kg	<0.0000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20 mg/kg	1.126	22.518 mg/kg	0.00225 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	58 mg/kg	1.56	90.469 mg/kg	0.0058 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.23 mg/kg	2.554	0.587 mg/kg	0.0000587 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		73 mg/kg	2.774	202.513 mg/kg	0.0203 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		11.3 pH		11.3 pH	11.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			205-912-4	206-44-0									
24		pyrene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0423 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH24

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH24
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.9	mg/kg	1.197	3.472	mg/kg	0.000347 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		38	mg/kg	1.32	50.172	mg/kg	0.00502 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2	mg/kg	1.142	1.371	mg/kg	0.000137 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		73	mg/kg	1.126	82.19	mg/kg	0.00822 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	170	mg/kg	1.56	265.169	mg/kg	0.017 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.67	mg/kg	1.353	0.907	mg/kg	0.0000907 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.7	mg/kg	1.5	10.051	mg/kg	0.00101 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53	mg/kg	2.976	157.742	mg/kg	0.0158 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.71	mg/kg	2.554	1.813	mg/kg	0.000181 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		97	mg/kg	2.774	269.092	mg/kg	0.0269 %		
11	TPH (C6 to C40) petroleum group			TPH		318.8	mg/kg		318.8	mg/kg	0.0319 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8	pH		8	pH	8pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
19	acenaphthylene		205-917-1	208-96-8		0.19	mg/kg		0.19	mg/kg	0.000019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		acenaphthene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			201-469-6	83-32-9									
21		fluorene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			204-371-1	120-12-7									
24		fluoranthene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			205-912-4	206-44-0									
25		pyrene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.107 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0319%)

Classification of sample: NBH24[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH24[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		44 mg/kg	1.32	58.094 mg/kg	0.00581 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		62 mg/kg	1.126	69.805 mg/kg	0.00698 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	190 mg/kg	1.56	296.365 mg/kg	0.019 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.94 mg/kg	1.353	1.272 mg/kg	0.000127 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.601 mg/kg	0.00066 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.61 mg/kg	2.554	1.558 mg/kg	0.000156 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		97 mg/kg	2.774	269.092 mg/kg	0.0269 %		
11	TPH (C6 to C40) petroleum group			TPH		90.8 mg/kg		90.8 mg/kg	0.00908 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		8.2 pH		8.2 pH	8.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
19	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20	●	acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21	●	fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22	●	phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23	●	anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24	●	fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25	●	pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31	●	indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33	●	benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0857 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00908%)

Classification of sample: NBH302

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH302	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35 mg/kg	1.126	39.406 mg/kg	0.00394 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	56 mg/kg	1.56	87.35 mg/kg	0.0056 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.5 mg/kg	1.5	5.251 mg/kg	0.000525 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.72 mg/kg	2.554	1.839 mg/kg	0.000184 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		92 mg/kg	2.774	255.221 mg/kg	0.0255 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
16	pH			PH		8.3 pH		8.3 pH	8.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0509 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH303

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH303	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.7 pH)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		antimony { antimony trioxide } 051-005-00-X / 215-175-0 / 1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2		arsenic { arsenic trioxide } 033-003-00-0 / 215-481-4 / 1327-53-3		26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
3		cadmium { cadmium oxide } 048-002-00-0 / 215-146-2 / 1306-19-0		0.78 mg/kg	1.142	0.891 mg/kg	0.0000891 %		
4		copper { dicopper oxide; copper (I) oxide } 029-002-00-X / 215-270-7 / 1317-39-1		27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
5		lead { lead chromate } 082-004-00-2 / 231-846-0 / 7758-97-6	1	840 mg/kg	1.56	1310.245 mg/kg	0.084 %		
6		mercury { mercury dichloride } 080-010-00-X / 231-299-8 / 7487-94-7		0.48 mg/kg	1.353	0.65 mg/kg	0.000065 %		
7		molybdenum { molybdenum(VI) oxide } 042-001-00-9 / 215-204-7 / 1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		**<LOD**
8		nickel { nickel chromate } 028-035-00-7 / 238-766-5 / 14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
9		selenium { nickel selenate } 028-031-00-5 / 239-125-2 / 15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		**<LOD**
10		zinc { zinc chromate } 024-007-00-3 / 236-878-9 / 13530-65-9		64 mg/kg	2.774	177.545 mg/kg	0.0178 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
12		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
13		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
14		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5		<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		**<LOD**
16		pH PH		11.7 pH		11.7 pH	11.7 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
18	●	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.118 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH304

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH304
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.92 mg/kg	1.142	1.051 mg/kg	0.000105 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31 mg/kg	1.126	34.903 mg/kg	0.00349 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	75 mg/kg	1.56	116.986 mg/kg	0.0075 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.36 mg/kg	1.353	0.487 mg/kg	0.0000487 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	171.997 mg/kg	0.0172 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		10.5 pH		10.5 pH	10.5 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.14 mg/kg		0.14 mg/kg	0.000014 %		
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		0.15 mg/kg		0.15 mg/kg	0.000015 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		1,1-dichloroethane and 1,2-dichloroethane (combined)				0.0046	mg/kg		0.0046	mg/kg	0.00000046 %		
			203-458-1, 200-863-5	107-06-2, 75-34-3									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0401 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,1-dichloroethane and 1,2-dichloroethane (combined): (conc.: 4.6e-07%)

Classification of sample: NBH304[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH304[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.83 mg/kg	1.142	0.948 mg/kg	0.0000948 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32 mg/kg	1.126	36.028 mg/kg	0.0036 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	40 mg/kg	1.56	62.393 mg/kg	0.004 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.26 mg/kg	1.353	0.352 mg/kg	0.0000352 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		92 mg/kg	2.774	255.221 mg/kg	0.0255 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		10.4 pH		10.4 pH	10.4 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0447 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

2,3,7,8-TeCDD (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,7,8-PeCDD (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,4,7,8-HxCDD (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDD (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,6,7,8-HpCDD (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDD (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

2,3,7,8-TeCDF (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8-PeCDF (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

2,3,4,7,8-PeCDF (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

1,2,3,4,7,8-HxCDF (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,6,7,8-HxCDF (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDF (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

2,3,4,6,7,8-HxCDF (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,7,8,9-HpCDF (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDF (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

1,1-dichloroethane and 1,2-dichloroethane (combined) (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2 H225 , Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 1B H350 , Aquatic Chronic 3 H412

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

Y9G4J-1KKXU-P6R4Z

Job name

Metrolink - Tara

Description/Comments

Project

Metrolink

Site

Tara

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 14:29 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH48	0.5	Non Hazardous		3
2	ABH48[2]	2	Non Hazardous		6
3	ABH48[3]	4.5	Non Hazardous		8
4	ABH48[4]	6	Non Hazardous		10
5	ABH48[5]	7.9	Non Hazardous		12
6	ABH48[6]	26.1	Non Hazardous		14
7	ABH49	0.35	Non Hazardous		16
8	ABH49[2]	0.85	Non Hazardous		19
9	ABH49[3]	3	Non Hazardous		22
10	ABH49[4]	4.5	Non Hazardous		25
11	ABH49[5]	17.7	Non Hazardous		28
12	ABH50	1.5	Non Hazardous		30
13	ABH50[2]	2	Non Hazardous		32
14	ABH50[3]	3	Non Hazardous		35
15	ABH50[4]	3.5	Non Hazardous		37
16	ABH50[5]	4	Non Hazardous		39
17	ABH50[6]	4.5	Non Hazardous		41
18	ABH50[7]	6	Non Hazardous		43
19	ABH50[8]	8.3	Non Hazardous		45
20	ABH50[9]	13.5	Non Hazardous		47
21	ABH50[10]	23.5	Non Hazardous		49
22	BH08 (WIMTEC)	2	Non Hazardous		51
23	MGI/BH/715	1	Non Hazardous		52
24	MGI/BH/715[2]	11	Non Hazardous		54
25	MGI/BH/716	10.46	Non Hazardous		56
26	MGI/BH/718	1	Non Hazardous		58
27	MGI/BH/718[2]	3.65	Non Hazardous		60
28	NBH25	1.2	Non Hazardous		62
29	NBH26CA	1	Non Hazardous		64
30	NBH27	1	Non Hazardous		67
31	NBH64	1	Non Hazardous		69

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 14:29 GMT

Classification of sample: ABH48

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH48	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.6 mg/kg	1.197	4.31 mg/kg	0.000431 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		57 mg/kg	1.126	64.176 mg/kg	0.00642 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	670 mg/kg		670 mg/kg	0.067 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.68 mg/kg	1.353	0.92 mg/kg	0.000092 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		150 mg/kg	2.774	416.122 mg/kg	0.0416 %		
13	TPH (C6 to C40) petroleum group			TPH		193 mg/kg		193 mg/kg	0.0193 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		9.4 pH		9.4 pH	9.4 pH		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
19		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
20		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
21		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
22		fluorene		201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
23		phenanthrene		201-581-5	85-01-8		0.56	mg/kg		0.56	mg/kg	0.000056 %		
24		anthracene		204-371-1	120-12-7		0.12	mg/kg		0.12	mg/kg	0.000012 %		
25		fluoranthene		205-912-4	206-44-0		1.1	mg/kg		1.1	mg/kg	0.00011 %		
26		pyrene		204-927-3	129-00-0		1	mg/kg		1	mg/kg	0.0001 %		
27		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.61	mg/kg		0.61	mg/kg	0.000061 %		
28		chrysene	601-048-00-0	205-923-4	218-01-9		0.66	mg/kg		0.66	mg/kg	0.000066 %		
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.94	mg/kg		0.94	mg/kg	0.000094 %		
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.32	mg/kg		0.32	mg/kg	0.000032 %		
31		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.72	mg/kg		0.72	mg/kg	0.000072 %		
32		indeno[123-cd]pyrene		205-893-2	193-39-5		0.41	mg/kg		0.41	mg/kg	0.000041 %		
33		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.15	mg/kg		0.15	mg/kg	0.000015 %		
34		benzo[ghi]perylene		205-883-8	191-24-2		0.41	mg/kg		0.41	mg/kg	0.000041 %		
35		phenol	604-001-00-2	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
36		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		0.002	mg/kg		0.002	mg/kg	0.0000002 %		
37		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
38		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
39		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
40		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
41		2,3,7,8-TeCDD		217-122-7	1746-01-6		<0.48	ng/kg		<4.8e-07	mg/kg	<4.8e-11 %		<**LOD**
42		1,2,3,7,8-PeCDD			40321-76-4		2.68	ng/kg		2.68e-06	mg/kg	2.68e-10 %		
43		1,2,3,4,7,8-HxCDD			39227-28-6		2.97	ng/kg		2.97e-06	mg/kg	2.97e-10 %		
44		1,2,3,7,8,9-HxCDD			19408-74-3		5.71	ng/kg		5.71e-06	mg/kg	5.71e-10 %		
45		1,2,3,4,6,7,8-HpCDD			35822-46-9		160	ng/kg		0.0001	mg/kg	0.000000016 %		
46		OCDD			3268-87-9		1330	ng/kg		0.0013	mg/kg	0.000000133 %		
47		2,3,7,8-TeCDF			51207-31-9		7.78	ng/kg		7.78e-06	mg/kg	7.78e-10 %		
48		1,2,3,7,8-PeCDF			57117-41-6		5.88	ng/kg		5.88e-06	mg/kg	5.88e-10 %		
49		2,3,4,7,8-PeCDF			57117-31-4		8.66	ng/kg		8.66e-06	mg/kg	8.66e-10 %		
50		1,2,3,4,7,8-HxCDF			70648-26-9		10.3	ng/kg		1.03e-05	mg/kg	0.000000001 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,6,7,8-HxCDF		57117-44-9		8.18	ng/kg		8.18e-06	mg/kg	8.18e-10 %		
52		1,2,3,7,8,9-HxCDF		72918-21-9		<0.97	ng/kg		<9.7e-07	mg/kg	<9.7e-11 %		<**LOD**
53		2,3,4,6,7,8-HxCDF		60851-34-5		8.6	ng/kg		8.6e-06	mg/kg	8.6e-10 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		5.42	ng/kg		5.42e-06	mg/kg	5.42e-10 %		
55		OCDF		39001-02-0		124	ng/kg		0.0001	mg/kg	0.000000012 %		
										Total:	0.15 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0193%)

Classification of sample: ABH48[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH48[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.5 mg/kg	1.197	5.387 mg/kg	0.000539 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		72 mg/kg	1.32	95.063 mg/kg	0.00951 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.63 mg/kg	1.142	0.72 mg/kg	0.000072 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		140 mg/kg	1.126	157.624 mg/kg	0.0158 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	470 mg/kg		470 mg/kg	0.047 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1 mg/kg	1.353	1.489 mg/kg	0.000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		8.8 mg/kg	1.5	13.202 mg/kg	0.00132 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		78 mg/kg	2.976	232.149 mg/kg	0.0232 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		150 mg/kg	2.774	416.122 mg/kg	0.0416 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-912-4	206-44-0									
25		pyrene				0.087	mg/kg		0.087	mg/kg	0.0000087 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.142 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH48[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH48[3]
Sample Depth:
4.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15	mg/kg	1.32	19.805	mg/kg	0.00198 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.37	mg/kg	1.142	0.423	mg/kg	0.0000423 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.7	mg/kg	1.462	11.254	mg/kg	0.00113 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		7.1	mg/kg	1.126	7.994	mg/kg	0.000799 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	11	mg/kg		11	mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2	mg/kg	1.5	<3	mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		11	mg/kg	2.976	32.739	mg/kg	0.00327 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		19	mg/kg	2.774	52.709	mg/kg	0.00527 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8	pH		8.8	pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0143 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH48[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH48[4]
Sample Depth:
6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.8 mg/kg	1.142	0.914 mg/kg	0.0000914 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.4 mg/kg	1.462	9.354 mg/kg	0.000935 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		7.1 mg/kg	1.126	7.994 mg/kg	0.000799 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	9.8 mg/kg		9.8 mg/kg	0.00098 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		16 mg/kg	2.976	47.62 mg/kg	0.00476 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		33 mg/kg	2.774	91.547 mg/kg	0.00915 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.1 pH		9.1 pH	9.1 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0205 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH48[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH48[5]
Sample Depth:
7.9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.9 mg/kg	1.462	13.008 mg/kg	0.0013 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		52 mg/kg	1.126	58.546 mg/kg	0.00585 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	22 mg/kg		22 mg/kg	0.0022 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.9 mg/kg	1.5	8.851 mg/kg	0.000885 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.85 mg/kg	2.554	2.171 mg/kg	0.000217 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		34 mg/kg	2.774	94.321 mg/kg	0.00943 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.033 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH48[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH48[6]
Sample Depth:
26.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		36 mg/kg	1.32	47.532 mg/kg	0.00475 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.88 mg/kg	1.142	1.005 mg/kg	0.000101 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.9 mg/kg	1.462	8.623 mg/kg	0.000862 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		49 mg/kg	1.126	55.169 mg/kg	0.00552 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	10 mg/kg		10 mg/kg	0.001 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		42 mg/kg	2.774	116.514 mg/kg	0.0117 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
22		anthracene				0.027	mg/kg		0.027	mg/kg	0.0000027 %		
			204-371-1	120-12-7									
23		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
24		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.043	mg/kg		0.043	mg/kg	0.0000043 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.048	mg/kg		0.048	mg/kg	0.0000048 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0392 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH49

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH49
Sample Depth:
0.35 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		92 mg/kg	1.32	121.47 mg/kg	0.0121 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.32 mg/kg	1.142	0.366 mg/kg	0.0000366 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		47 mg/kg	1.462	68.693 mg/kg	0.00687 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		63 mg/kg	1.126	70.931 mg/kg	0.00709 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	93 mg/kg		93 mg/kg	0.0093 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.2 mg/kg	1.353	0.271 mg/kg	0.0000271 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58 mg/kg	2.976	172.623 mg/kg	0.0173 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130 mg/kg	2.774	360.639 mg/kg	0.0361 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9.2 pH		9.2 pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.063	mg/kg		0.063	mg/kg	0.0000063 %		
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.094	mg/kg		0.094	mg/kg	0.0000094 %		
			205-912-4	206-44-0									
25		pyrene				0.073	mg/kg		0.073	mg/kg	0.0000073 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.052	mg/kg		0.052	mg/kg	0.0000052 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.063	mg/kg		0.063	mg/kg	0.0000063 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				0.605	ng/kg		6.05e-07	mg/kg	6.05e-11 %		
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.3	ng/kg		<3.0e-07	mg/kg	<3.0e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.31	ng/kg		<3.1e-07	mg/kg	<3.1e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				7.74	ng/kg		7.74e-06	mg/kg	7.74e-10 %		
				35822-46-9									
45		OCDD				37.9	ng/kg		3.79e-05	mg/kg	0.000000003 %		
				3268-87-9									
46		2,3,7,8-TeCDF				<0.41	ng/kg		<4.1e-07	mg/kg	<4.1e-11 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.44	ng/kg		<4.4e-07	mg/kg	<4.4e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				3.1	ng/kg		3.1e-06	mg/kg	3.1e-10 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				2.2	ng/kg		2.2e-06	mg/kg	2.2e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				3.09	ng/kg		3.09e-06	mg/kg	3.09e-10 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.37	ng/kg		<3.7e-07	mg/kg	<3.7e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		3.68	ng/kg		3.68e-06	mg/kg	3.68e-10 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		1.26	ng/kg		1.26e-06	mg/kg	1.26e-10 %		
54		OCDF		39001-02-0		7.49	ng/kg		7.49e-06	mg/kg	7.49e-10 %		
										Total:	0.0896 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH49[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH49[2]
Sample Depth:
0.85 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		33 mg/kg	1.197	39.504 mg/kg	0.00395 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.61 mg/kg	1.142	0.697 mg/kg	0.0000697 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.7 mg/kg	1.462	9.792 mg/kg	0.000979 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150 mg/kg	1.126	168.883 mg/kg	0.0169 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1800 mg/kg		1800 mg/kg	0.18 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		3.9 mg/kg	1.353	5.279 mg/kg	0.000528 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14 mg/kg	2.976	41.668 mg/kg	0.00417 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	213.609 mg/kg	0.0214 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.2 pH		8.2 pH	8.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.33	ng/kg		<3.3e-07	mg/kg	<3.3e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				0.424	ng/kg		4.24e-07	mg/kg	4.24e-11 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				4.24	ng/kg		4.24e-06	mg/kg	4.24e-10 %		
				35822-46-9									
45		OCDD				20.8	ng/kg		2.08e-05	mg/kg	0.000000002 %		
				3268-87-9									
46		2,3,7,8-TeCDF				3.13	ng/kg		3.13e-06	mg/kg	3.13e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.32	ng/kg		<3.2e-07	mg/kg	<3.2e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				3.32	ng/kg		3.32e-06	mg/kg	3.32e-10 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				3.98	ng/kg		3.98e-06	mg/kg	3.98e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				3.35	ng/kg		3.35e-06	mg/kg	3.35e-10 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		2.27	ng/kg		2.27e-06	mg/kg	2.27e-10 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.978	ng/kg		9.78e-07	mg/kg	9.78e-11 %		
54		OCDF		39001-02-0		17.1	ng/kg		1.71e-05	mg/kg	0.000000001 %		
										Total:	0.23 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH49[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH49[3]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7	mg/kg	1.197	3.232	mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		30	mg/kg	1.32	39.61	mg/kg	0.00396 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.66	mg/kg	1.142	0.754	mg/kg	0.0000754 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.3	mg/kg	1.462	13.592	mg/kg	0.00136 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		67	mg/kg	1.126	75.435	mg/kg	0.00754 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	260	mg/kg		260	mg/kg	0.026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.895	mg/kg	0.000189 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6	mg/kg	1.5	6.901	mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33	mg/kg	2.976	98.217	mg/kg	0.00982 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.49	mg/kg	2.554	1.251	mg/kg	0.000125 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		79	mg/kg	2.774	219.158	mg/kg	0.0219 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.2	pH		8.2	pH	8.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				1.91	ng/kg		1.91e-06	mg/kg	1.91e-10 %		
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				1.05	ng/kg		1.05e-06	mg/kg	1.05e-10 %		
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				2.22	ng/kg		2.22e-06	mg/kg	2.22e-10 %		
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				12.1	ng/kg		1.21e-05	mg/kg	0.000000001 %		
				35822-46-9									
45		OCDD				26.5	ng/kg		2.65e-05	mg/kg	0.000000002 %		
				3268-87-9									
46		2,3,7,8-TeCDF				11.1	ng/kg		1.11e-05	mg/kg	0.000000001 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				6.34	ng/kg		6.34e-06	mg/kg	6.34e-10 %		
				57117-41-6									
48		2,3,4,7,8-PeCDF				8.49	ng/kg		8.49e-06	mg/kg	8.49e-10 %		
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				7.5	ng/kg		7.5e-06	mg/kg	7.5e-10 %		
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				7.67	ng/kg		7.67e-06	mg/kg	7.67e-10 %		
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.24	ng/kg		<2.4e-07	mg/kg	<2.4e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		7.28	ng/kg		7.28e-06	mg/kg	7.28e-10 %		
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		1.5	ng/kg		1.5e-06	mg/kg	1.5e-10 %		
54		OCDF		39001-02-0		9.87	ng/kg		9.87e-06	mg/kg	9.87e-10 %		
										Total:	0.0722 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH49[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH49[4]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
4.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10 mg/kg	1.32	13.203 mg/kg	0.00132 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.4 mg/kg	1.142	0.457 mg/kg	0.0000457 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.8 mg/kg	1.462	11.4 mg/kg	0.00114 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		3.8 mg/kg	1.126	4.278 mg/kg	0.000428 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	35 mg/kg		35 mg/kg	0.0035 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		10 mg/kg	2.976	29.763 mg/kg	0.00298 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		27 mg/kg	2.774	74.902 mg/kg	0.00749 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				1.18	ng/kg		1.18e-06	mg/kg	1.18e-10 %		
				35822-46-9									
45		OCDD				1.96	ng/kg		1.96e-06	mg/kg	1.96e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.22	ng/kg		1.22e-06	mg/kg	1.22e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.06	ng/kg		<6.0e-08	mg/kg	<6.0e-12 %		<**LOD**
54		OCDF		39001-02-0		<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<**LOD**
										Total:	0.0176 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH49[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH49[5]
Sample Depth:
17.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16 mg/kg	1.126	18.014 mg/kg	0.0018 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	26 mg/kg		26 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43 mg/kg	2.976	127.979 mg/kg	0.0128 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		9.9 mg/kg	2.774	27.464 mg/kg	0.00275 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		9 pH		9 pH	9pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22	●	phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23	●	anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0262 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH50
Sample Depth:
1.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.63 mg/kg	1.142	0.72 mg/kg	0.000072 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		69 mg/kg	1.126	77.686 mg/kg	0.00777 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	460 mg/kg		460 mg/kg	0.046 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		6.2 mg/kg	1.353	8.392 mg/kg	0.000839 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26 mg/kg	2.976	77.383 mg/kg	0.00774 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.25 mg/kg	2.554	0.638 mg/kg	0.0000638 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		170 mg/kg	2.774	471.605 mg/kg	0.0472 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22	●	phenanthrene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			201-581-5	85-01-8									
23	●	anthracene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			204-371-1	120-12-7									
24	●	fluoranthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			205-912-4	206-44-0									
25	●	pyrene				1	mg/kg		1	mg/kg	0.0001 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.52	mg/kg		0.52	mg/kg	0.000052 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		601-032-00-3	200-028-5	50-32-8									
31	●	indeno[123-cd]pyrene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33	●	benzo[ghi]perylene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.118 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH50[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2	mg/kg	1.197	2.634	mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		41	mg/kg	1.32	54.133	mg/kg	0.00541 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.49	mg/kg	1.142	0.56	mg/kg	0.000056 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		110	mg/kg	1.126	123.848	mg/kg	0.0124 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	270	mg/kg		270	mg/kg	0.027 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.98	mg/kg	1.353	1.326	mg/kg	0.000133 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		9.4	mg/kg	1.5	14.102	mg/kg	0.00141 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		63	mg/kg	2.976	187.505	mg/kg	0.0188 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1	mg/kg	2.554	2.554	mg/kg	0.000255 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		96	mg/kg	2.774	266.318	mg/kg	0.0266 %		
13	TPH (C6 to C40) petroleum group			TPH		202.1	mg/kg		202.1	mg/kg	0.0202 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
18	pH			PH		8.8	pH		8.8	pH	8.8 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				0.044	mg/kg		0.044	mg/kg	0.0000044 %		
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			201-695-5	86-73-7									
23		phenanthrene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
			201-581-5	85-01-8									
24		anthracene				0.092	mg/kg		0.092	mg/kg	0.0000092 %		
			204-371-1	120-12-7									
25		fluoranthene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			205-912-4	206-44-0									
26		pyrene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.114 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0202%)

Classification of sample: ABH50[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH50[3]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.4 mg/kg	1.142	0.457 mg/kg	0.0000457 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.1 mg/kg	1.462	11.839 mg/kg	0.00118 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		80 mg/kg	1.126	90.071 mg/kg	0.00901 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	310 mg/kg		310 mg/kg	0.031 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1 mg/kg	1.353	1.489 mg/kg	0.000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.54 mg/kg	2.554	1.379 mg/kg	0.000138 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		75 mg/kg	2.774	208.061 mg/kg	0.0208 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				0.023	mg/kg		0.023	mg/kg	0.0000023 %		
			205-917-1	208-96-8									
20		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
			201-581-5	85-01-8									
23		anthracene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			204-371-1	120-12-7									
24		fluoranthene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			205-912-4	206-44-0									
25		pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0759 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH50[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.1 mg/kg	1.197	3.711 mg/kg	0.000371 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		32 mg/kg	1.32	42.25 mg/kg	0.00423 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.59 mg/kg	1.142	0.674 mg/kg	0.0000674 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		52 mg/kg	1.462	76.001 mg/kg	0.0076 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		65 mg/kg	1.126	73.183 mg/kg	0.00732 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	140 mg/kg		140 mg/kg	0.014 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.95 mg/kg	1.353	1.286 mg/kg	0.000129 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.54 mg/kg	2.554	1.379 mg/kg	0.000138 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		150 mg/kg	2.774	416.122 mg/kg	0.0416 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0901 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH50[5]

Sample Depth:
4 m

LoW Code:

Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.87 mg/kg	1.142	0.994 mg/kg	0.0000994 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	73 mg/kg		73 mg/kg	0.0073 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.48 mg/kg	1.353	0.65 mg/kg	0.000065 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33 mg/kg	2.976	98.217 mg/kg	0.00982 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.81 mg/kg	2.554	2.069 mg/kg	0.000207 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		93 mg/kg	2.774	257.996 mg/kg	0.0258 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			205-912-4	206-44-0									
25		pyrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0541 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH50[6]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
4.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		33 mg/kg	1.32	43.571 mg/kg	0.00436 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.51 mg/kg	1.142	0.583 mg/kg	0.0000583 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16 mg/kg	1.126	18.014 mg/kg	0.0018 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	13 mg/kg		13 mg/kg	0.0013 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		45 mg/kg	2.774	124.837 mg/kg	0.0125 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0315 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50[7]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH50[7]
Sample Depth:
6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15 mg/kg	1.126	16.888 mg/kg	0.00169 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	11 mg/kg		11 mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	68.454 mg/kg	0.00685 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		41 mg/kg	2.774	113.74 mg/kg	0.0114 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0267 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50[8]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH50[8]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
8.3 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.5 mg/kg	1.197	4.19 mg/kg	0.000419 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17 mg/kg	1.126	19.14 mg/kg	0.00191 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	15 mg/kg		15 mg/kg	0.0015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		12 mg/kg	1.5	18.002 mg/kg	0.0018 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.1 mg/kg	2.554	10.471 mg/kg	0.00105 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		49 mg/kg	2.774	135.933 mg/kg	0.0136 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8 pH		8.8 pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0386 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50[9]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH50[9]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
13.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.7	mg/kg	1.197	4.429	mg/kg	0.000443 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21	mg/kg	1.32	27.727	mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.29	mg/kg	1.142	0.331	mg/kg	0.0000331 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33	mg/kg	1.126	37.154	mg/kg	0.00372 %		
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	34	mg/kg		34	mg/kg	0.0034 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05	mg/kg	1.353	0.0677	mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.2	mg/kg	1.5	7.801	mg/kg	0.00078 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		72	mg/kg	2.976	214.291	mg/kg	0.0214 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.5	mg/kg	2.554	11.492	mg/kg	0.00115 %		
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		13	mg/kg	2.774	36.064	mg/kg	0.00361 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.8	pH		8.8	pH	8.8 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0394 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH50[10]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH50[10]

Sample Depth:
23.5 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.7	mg/kg	1.197	4.429	mg/kg	0.000443 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.44	mg/kg	1.142	0.503	mg/kg	0.0000503 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.2	mg/kg	1.462	11.985	mg/kg	0.0012 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	30	mg/kg		30	mg/kg	0.003 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07	mg/kg	1.353	0.0947	mg/kg	0.00000947 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		15	mg/kg	1.5	22.503	mg/kg	0.00225 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43	mg/kg	2.976	127.979	mg/kg	0.0128 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.2	mg/kg	2.554	10.726	mg/kg	0.00107 %		
12		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		18	mg/kg	2.774	49.935	mg/kg	0.00499 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		8.9	pH		8.9	pH	8.9 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0313 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH08 (WIMTEC)

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH08 (WIMTEC)	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		35	mg/kg	1.32	46.211	mg/kg	0.00462 %		
2		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<**LOD**
3		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		70	mg/kg	1.126	78.812	mg/kg	0.00788 %		
4		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	262	mg/kg		262	mg/kg	0.0262 %		
5		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
6		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44	mg/kg	2.976	130.956	mg/kg	0.0131 %		
7		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		147	mg/kg	2.774	407.8	mg/kg	0.0408 %		
8		pH			PH		8.36	pH		8.36	pH	8.36 pH		
9		phenol	604-001-00-2	203-632-7	108-95-2		0.05	mg/kg		0.05	mg/kg	0.000005 %		
											Total:	0.0927 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/715

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/715
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		7 mg/kg	1.126	7.881 mg/kg	0.000788 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	25 mg/kg		25 mg/kg	0.0025 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		7 mg/kg	2.976	20.834 mg/kg	0.00208 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		32 mg/kg	2.774	88.773 mg/kg	0.00888 %		
9	TPH (C6 to C40) petroleum group			TPH		9.269 mg/kg		9.269 mg/kg	0.000927 %		
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
16	pH			PH		8.15 pH		8.15 pH	8.15 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.134 mg/kg		0.134 mg/kg	0.0000134 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthylene				0.053	mg/kg		0.053	mg/kg	0.0000053 %		
			205-917-1	208-96-8									
19		acenaphthene				0.239	mg/kg		0.239	mg/kg	0.0000239 %		
			201-469-6	83-32-9									
20		fluorene				0.192	mg/kg		0.192	mg/kg	0.0000192 %		
			201-695-5	86-73-7									
21		phenanthrene				1.577	mg/kg		1.577	mg/kg	0.000158 %		
			201-581-5	85-01-8									
22		anthracene				0.423	mg/kg		0.423	mg/kg	0.0000423 %		
			204-371-1	120-12-7									
23		fluoranthene				1.691	mg/kg		1.691	mg/kg	0.000169 %		
			205-912-4	206-44-0									
24		pyrene				1.531	mg/kg		1.531	mg/kg	0.000153 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.8	mg/kg		0.8	mg/kg	0.00008 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.866	mg/kg		0.866	mg/kg	0.0000866 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.563	mg/kg		0.563	mg/kg	0.0000563 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.233	mg/kg		0.233	mg/kg	0.0000233 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.114	mg/kg		0.114	mg/kg	0.0000114 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.093	mg/kg		0.093	mg/kg	0.0000093 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
32		tetrachloroethylene				0.005	mg/kg		0.005	mg/kg	0.0000005 %		
		602-028-00-4	204-825-9	127-18-4									
										Total:	0.0168 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00092%)

Classification of sample: MGI/BH/715[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/715[2]
Sample Depth:
11 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		8 mg/kg	1.126	9.007 mg/kg	0.000901 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	16 mg/kg		16 mg/kg	0.0016 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26 mg/kg	2.976	77.383 mg/kg	0.00774 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		70 mg/kg	2.774	194.19 mg/kg	0.0194 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
15	pH			PH		7.59 pH		7.59 pH	7.59 pH		
16	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-469-6	83-32-9									
19		fluorene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-695-5	86-73-7									
20		phenanthrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			201-581-5	85-01-8									
21		anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-371-1	120-12-7									
22		fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
23		pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
26		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
30		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0304 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/716

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/716
Sample Depth:
10.46 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		2 mg/kg	1.126	2.252 mg/kg	0.000225 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	11 mg/kg		11 mg/kg	0.0011 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19 mg/kg	2.976	56.549 mg/kg	0.00565 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59 mg/kg	2.774	163.675 mg/kg	0.0164 %		
9	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
10	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	acenaphthylene		205-917-1	208-96-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	acenaphthene		201-469-6	83-32-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	fluorene		201-695-5	86-73-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	phenanthrene		201-581-5	85-01-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-371-1	120-12-7									
20	●	fluoranthene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-912-4	206-44-0									
21	●	pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			204-927-3	129-00-0									
22		benzo[a]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
23		chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
24		benzo[a]pyrene; benzo[def]chrysene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
			205-883-8	191-24-2									
28		phenol				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		604-001-00-2	203-632-7	108-95-2									
										Total:	0.0237 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/718

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/718
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		79 mg/kg	1.126	88.945 mg/kg	0.00889 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	478 mg/kg		478 mg/kg	0.0478 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
9	TPH (C6 to C40) petroleum group			TPH		2.013 mg/kg		2.013 mg/kg	0.000201 %		
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
16	pH			PH		8.04 pH		8.04 pH	8.04 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.429 mg/kg		0.429 mg/kg	0.0000429 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthylene				0.032	mg/kg		0.032	mg/kg	0.0000032 %		
			205-917-1	208-96-8									
19		acenaphthene				0.003	mg/kg		0.003	mg/kg	0.0000003 %		
			201-469-6	83-32-9									
20		fluorene				0.019	mg/kg		0.019	mg/kg	0.0000019 %		
			201-695-5	86-73-7									
21		phenanthrene				0.246	mg/kg		0.246	mg/kg	0.0000246 %		
			201-581-5	85-01-8									
22		anthracene				0.063	mg/kg		0.063	mg/kg	0.0000063 %		
			204-371-1	120-12-7									
23		fluoranthene				0.206	mg/kg		0.206	mg/kg	0.0000206 %		
			205-912-4	206-44-0									
24		pyrene				0.209	mg/kg		0.209	mg/kg	0.0000209 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.183	mg/kg		0.183	mg/kg	0.0000183 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.176	mg/kg		0.176	mg/kg	0.0000176 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.197	mg/kg		0.197	mg/kg	0.0000197 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.062	mg/kg		0.062	mg/kg	0.0000062 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.061	mg/kg		0.061	mg/kg	0.0000061 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
32		tetrachloroethylene				0.155	mg/kg		0.155	mg/kg	0.0000155 %		
		602-028-00-4	204-825-9	127-18-4									
										Total:	0.106 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0002%)

Classification of sample: MGI/BH/718[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/718[2]
Sample Depth:
3.65 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		59 mg/kg	1.126	66.427 mg/kg	0.00664 %		
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	128 mg/kg		128 mg/kg	0.0128 %		
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		27 mg/kg	2.976	80.359 mg/kg	0.00804 %		
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		81 mg/kg	2.774	224.706 mg/kg	0.0225 %		
9	TPH (C6 to C40) petroleum group			TPH		0.738 mg/kg		0.738 mg/kg	0.0000738 %		
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	benzene	601-020-00-8	200-753-7	71-43-2		0.006 mg/kg		0.006 mg/kg	0.0000006 %		
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<2.5 mg/kg	1.884	<4.71 mg/kg	<0.000471 %		<LOD
16	pH			PH		7.48 pH		7.48 pH	7.48 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.071 mg/kg		0.071 mg/kg	0.0000071 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
18		acenaphthylene				0.01	mg/kg		0.01	mg/kg	0.000001 %		
			205-917-1	208-96-8									
19		acenaphthene				0.01	mg/kg		0.01	mg/kg	0.000001 %		
			201-469-6	83-32-9									
20		fluorene				0.027	mg/kg		0.027	mg/kg	0.0000027 %		
			201-695-5	86-73-7									
21		phenanthrene				0.181	mg/kg		0.181	mg/kg	0.0000181 %		
			201-581-5	85-01-8									
22		anthracene				0.059	mg/kg		0.059	mg/kg	0.0000059 %		
			204-371-1	120-12-7									
23		fluoranthene				0.085	mg/kg		0.085	mg/kg	0.0000085 %		
			205-912-4	206-44-0									
24		pyrene				0.081	mg/kg		0.081	mg/kg	0.0000081 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				0.094	mg/kg		0.094	mg/kg	0.0000094 %		
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				0.094	mg/kg		0.094	mg/kg	0.0000094 %		
		601-048-00-0	205-923-4	218-01-9									
27		benzo[a]pyrene; benzo[def]chrysene				0.038	mg/kg		0.038	mg/kg	0.0000038 %		
		601-032-00-3	200-028-5	50-32-8									
28		indeno[123-cd]pyrene				0.026	mg/kg		0.026	mg/kg	0.0000026 %		
			205-893-2	193-39-5									
29		dibenz[a,h]anthracene				0.019	mg/kg		0.019	mg/kg	0.0000019 %		
		601-041-00-2	200-181-8	53-70-3									
30		benzo[ghi]perylene				0.007	mg/kg		0.007	mg/kg	0.0000007 %		
			205-883-8	191-24-2									
31		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
32		tetrachloroethylene				0.115	mg/kg		0.115	mg/kg	0.0000115 %		
		602-028-00-4	204-825-9	127-18-4									
										Total:	0.0509 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

benzene: (conc.: 6.0e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00007%)

Classification of sample: NBH25

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH25
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5.7 mg/kg	1.197	6.823 mg/kg	0.000682 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		87 mg/kg	1.32	114.868 mg/kg	0.0115 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.92 mg/kg	1.142	1.051 mg/kg	0.000105 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		120 mg/kg	1.126	135.107 mg/kg	0.0135 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	490 mg/kg		490 mg/kg	0.049 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.6 mg/kg	1.353	2.166 mg/kg	0.000217 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		21 mg/kg	1.5	31.504 mg/kg	0.00315 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.2 mg/kg	2.554	5.618 mg/kg	0.000562 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130 mg/kg	2.774	360.639 mg/kg	0.0361 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.3 pH		8.3 pH	8.3 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
			201-469-6	83-32-9									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
			204-371-1	120-12-7									
23		fluoranthene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
			205-912-4	206-44-0									
24		pyrene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		**<LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.132 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH26CA

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH26CA
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.3 mg/kg	1.197	7.542 mg/kg	0.000754 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		38 mg/kg	1.32	50.172 mg/kg	0.00502 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		91 mg/kg	1.126	102.456 mg/kg	0.0102 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	700 mg/kg		700 mg/kg	0.07 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.83 mg/kg	1.353	1.123 mg/kg	0.000112 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.3 mg/kg	1.5	7.951 mg/kg	0.000795 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.51 mg/kg	2.554	1.302 mg/kg	0.00013 %		
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		120 mg/kg	2.774	332.898 mg/kg	0.0333 %		
11	TPH (C6 to C40) petroleum group			TPH		42 mg/kg		42 mg/kg	0.0042 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	pH			PH		8.3 pH		8.3 pH	8.3 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.14 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0042%)

Classification of sample: NBH27

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH27
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		7.7	mg/kg	1.197	9.218	mg/kg	0.000922 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		78	mg/kg	1.32	102.985	mg/kg	0.0103 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.51	mg/kg	1.142	0.583	mg/kg	0.0000583 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		140	mg/kg	1.126	157.624	mg/kg	0.0158 %		
5		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	330	mg/kg		330	mg/kg	0.033 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.8	mg/kg	1.353	2.436	mg/kg	0.000244 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		14	mg/kg	1.5	21.003	mg/kg	0.0021 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		70	mg/kg	2.976	208.339	mg/kg	0.0208 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.86	mg/kg	2.554	2.196	mg/kg	0.00022 %		
10		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130	mg/kg	2.774	360.639	mg/kg	0.0361 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
16		pH			PH		8.2	pH		8.2	pH	8.2 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
18		acenaphthylene		205-917-1	208-96-8		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
20	●	fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21	●	phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22	●	anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23	●	fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
24	●	pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.121 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH64

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH64

Sample Depth:
1 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5.7	mg/kg	1.197	6.823	mg/kg	0.000682 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		64	mg/kg	1.32	84.501	mg/kg	0.00845 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.7	mg/kg	1.142	0.8	mg/kg	0.00008 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		120	mg/kg	1.126	135.107	mg/kg	0.0135 %		
5		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	330	mg/kg		330	mg/kg	0.033 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.7	mg/kg	1.353	2.301	mg/kg	0.00023 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7	mg/kg	1.5	10.501	mg/kg	0.00105 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		61	mg/kg	2.976	181.552	mg/kg	0.0182 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.44	mg/kg	2.554	1.124	mg/kg	0.000112 %		
10		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		130	mg/kg	2.774	360.639	mg/kg	0.0361 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
16		pH			PH		8.2	pH		8.2	pH	8.2 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
18		acenaphthylene		205-917-1	208-96-8		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.112 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

lead compounds with the exception of those specified elsewhere in this Annex

CLP index number: 082-001-00-6
Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers many simple lead compounds to be Carcinogenic category 2
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **2,3,7,8-TeCDD** (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

- **1,2,3,7,8-PeCDD** (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

- **1,2,3,4,7,8-HxCDD** (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8,9-HxCDD** (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,4,6,7,8-HpCDD** (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

- **OCDD** (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

- **2,3,7,8-TeCDF** (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

- **1,2,3,7,8-PeCDF** (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

2,3,4,7,8-PeCDF (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

1,2,3,4,7,8-HxCDF (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,6,7,8-HxCDF (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDF (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

2,3,4,6,7,8-HxCDF (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,7,8,9-HpCDF (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDF (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Due to the low noted concentrations of chromium, it is not possible that lead will be present as lead chromate within soils.

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

A1SWG-6679Q-5C5EV

Job name

Metrolink – St Stephen's Green (02)

Description/Comments

HazWaste online assessment for Metrolink - St Stephen's Green

Project

Metrolink

Site

St Stephen's Green

Classified by

Name:
Aleksandra Daniszewska
Date:
01 Jun 2022 10:13 GMT
Telephone:
+48 7971 87327

Company:
Jacobs UK Ltd
Wspólna 47/49
Warsaw
00-684

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: **CERTIFIED**

Course	Date
Hazardous Waste Classification	09 Dec 2021

Next 3 year Refresher due by Dec 2024

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH52	0.45	Non Hazardous		3
2	ABH52[2]	1	Non Hazardous		6
3	ABH52[3]	4.5	Non Hazardous		9
4	ABH52[4]	7.7	Non Hazardous		11
5	ABH52[5]	21.5	Non Hazardous		13
6	ABH52[6]	25.5	Non Hazardous		15
7	ABH53	0.74	Non Hazardous		17
8	ABH53[2]	1.5	Non Hazardous		19
9	ABH53[3]	4	Non Hazardous		21
10	ABH53[4]	7.1	Non Hazardous		23
11	ABH53[5]	10.7	Non Hazardous		26
12	ABH53[6]	22.4	Non Hazardous		28
13	ABH54	0.5	Non Hazardous		30
14	ABH54[2]	2	Non Hazardous		33
15	ABH54[3]	3.2	Non Hazardous		36
16	ABH54[4]	9	Non Hazardous		38
17	ABH54[5]	19	Non Hazardous		40
18	ABH54[6]	31	Non Hazardous		42
19	ABH55	23	Non Hazardous		44
20	ATP51WS	0.5	Non Hazardous		46
21	ATP51WS[2]	1.4	Non Hazardous		48
22	ATP52WS	0.5	Non Hazardous		50
23	ATP52WSA	2.4	Non Hazardous		53
24	MGI/BH/729	1	Non Hazardous		56
25	NBH106	1	Non Hazardous		58
26	NBH107	0.5	Non Hazardous		60
27	NBH219B	0.5	Non Hazardous		63
28	NBH219B[2]	1.2	Non Hazardous		66
29	NBH220	0.5	Non Hazardous		68
30	NBH220[2]	1.2	Non Hazardous		71

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Aleksandra Daniszewska

Created date: 01 Jun 2022 10:13 GMT

Classification of sample: ABH52

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH52
Sample Depth:
0.45 m
Moisture content:
9%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	28.836 mg/kg	0.00288 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.35 mg/kg	1.142	0.364 mg/kg	0.0000364 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	31.92 mg/kg	0.00319 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		76 mg/kg	1.126	77.866 mg/kg	0.00779 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	48 mg/kg		43.68 mg/kg	0.00437 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0616 mg/kg	0.00000616 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		43 mg/kg	2.976	116.461 mg/kg	0.0116 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.47 mg/kg	2.554	1.092 mg/kg	0.000109 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		120 mg/kg	2.774	302.937 mg/kg	0.0303 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<**LOD**
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH		PH		8.6	pH		8.6	pH	8.6 pH		
19		naphthalene	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-052-00-2											
20		acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
21		acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
22		fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
23		phenanthrene	201-581-5	85-01-8		0.11	mg/kg		0.1	mg/kg	0.00001 %	✓	
24		anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		fluoranthene	205-912-4	206-44-0		0.19	mg/kg		0.173	mg/kg	0.0000173 %	✓	
26		pyrene	204-927-3	129-00-0		0.19	mg/kg		0.173	mg/kg	0.0000173 %	✓	
27		benzo[a]anthracene	200-280-6	56-55-3		0.09	mg/kg		0.0819	mg/kg	0.00000819 %	✓	
		601-033-00-9											
28		chrysene	205-923-4	218-01-9		0.11	mg/kg		0.1	mg/kg	0.00001 %	✓	
		601-048-00-0											
29		benzo[b]fluoranthene	205-911-9	205-99-2		0.11	mg/kg		0.1	mg/kg	0.00001 %	✓	
		601-034-00-4											
30		benzo[k]fluoranthene	205-916-6	207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5											
31		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3											
32		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
33		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2											
34		benzo[ghi]perylene	205-883-8	191-24-2		0.07	mg/kg		0.0637	mg/kg	0.00000637 %	✓	
35		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
36		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
38		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
39		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
40		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
41		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	200-024-3	50-29-3		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7											
42		dieldrin (ISO)	200-484-5	60-57-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9											
43		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	200-775-7	72-20-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X											
44		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	200-962-3	76-44-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2											
45		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6											
46		aldrin (ISO)	206-215-8	309-00-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3											

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.0626 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH52[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH52[2]
Sample Depth:
1 m
Moisture content:
8%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.8 mg/kg	1.32	7.045 mg/kg	0.000705 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.36 mg/kg	1.142	0.378 mg/kg	0.0000378 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	25.548 mg/kg	0.00255 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	29.003 mg/kg	0.0029 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	16 mg/kg		14.72 mg/kg	0.00147 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		25 mg/kg	2.976	68.454 mg/kg	0.00685 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	2.819 mg/kg	0.000282 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		91 mg/kg	2.774	232.252 mg/kg	0.0232 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				8.4	pH		8.4	pH	8.4 pH		
				PH									
19		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				0.06	mg/kg		0.0552	mg/kg	0.00000552 %	✓	
			205-912-4	206-44-0									
26		pyrene				0.06	mg/kg		0.0552	mg/kg	0.00000552 %	✓	
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
42		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
43		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
44		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
45		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
46		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.0403 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH52[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH52[3]
Sample Depth:
4.5 m
Moisture content:
5%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	18.815 mg/kg	0.00188 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	1.953 mg/kg	0.000195 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	19.439 mg/kg	0.00194 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		44 mg/kg	1.126	47.062 mg/kg	0.00471 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	24 mg/kg		22.8 mg/kg	0.00228 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	5.701 mg/kg	0.00057 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	124.408 mg/kg	0.0124 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.367 mg/kg	0.000437 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	202.929 mg/kg	0.0203 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH		PH		8.8	pH		8.8	pH	8.8 pH		
19		naphthalene	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2											
20		acenaphthylene	205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
23		phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
26		pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
27		benzo[a]anthracene	200-280-6	56-55-3		0.04	mg/kg		0.038	mg/kg	0.0000038 %	✓	
		601-033-00-9											
28		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0											
29		benzo[b]fluoranthene	205-911-9	205-99-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4											
30		benzo[k]fluoranthene	205-916-6	207-08-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5											
31		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3											
32		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2											
34		benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
35		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
36		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
38		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
39		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
40		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
41		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6											
										Total:	0.0466 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH52[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH52[4]
Sample Depth:
7.7 m
Moisture content:
4%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10 mg/kg	1.32	12.675 mg/kg	0.00127 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.097 mg/kg	0.00011 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	28.062 mg/kg	0.00281 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		76 mg/kg	1.126	82.145 mg/kg	0.00821 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	19 mg/kg		18.24 mg/kg	0.00182 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.312 mg/kg	0.000331 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	97.145 mg/kg	0.00971 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.78 mg/kg	2.554	1.912 mg/kg	0.000191 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		56 mg/kg	2.774	149.138 mg/kg	0.0149 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<**LOD**
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH		PH		8.7	pH		8.7	pH	8.7 pH		
19		naphthalene	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2											
20		acenaphthylene	205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
23		phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		anthracene	204-371-1	120-12-7		0.04	mg/kg		0.0384	mg/kg	0.00000384 %	✓	
25		fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
26		pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
27		benzo[a]anthracene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9											
28		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0											
29		benzo[b]fluoranthene	205-911-9	205-99-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4											
30		benzo[k]fluoranthene	205-916-6	207-08-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5											
31		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3											
32		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2											
34		benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
35		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
36		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
38		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
39		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
40		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
41		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6								Total:	0.0412 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH52[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH52[5]
Sample Depth:
21.5 m
Moisture content:
4%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.643 mg/kg	0.000264 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.7 mg/kg	1.32	11.027 mg/kg	0.0011 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.76 mg/kg	1.142	0.833 mg/kg	0.0000833 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	15.434 mg/kg	0.00154 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		11 mg/kg	1.126	11.889 mg/kg	0.00119 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	4.8 mg/kg		4.608 mg/kg	0.000461 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	4.897 mg/kg	0.00049 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	65.716 mg/kg	0.00657 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.2 mg/kg	2.554	5.394 mg/kg	0.000539 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		34 mg/kg	2.774	90.548 mg/kg	0.00905 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
18		naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
19	●	acenaphthylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8							
20	●	acenaphthene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9							
21	●	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7							
22	●	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8							
23	●	anthracene				0.05 mg/kg		0.048 mg/kg	0.0000048 %	✓	
			204-371-1	120-12-7							
24	●	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0							
25	●	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0							
26		benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
27		chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
28		benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
29		benzo[k]fluoranthene				0.05 mg/kg		0.048 mg/kg	0.0000048 %	✓	
		601-036-00-5	205-916-6	207-08-9							
30		benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
31	●	indeno[123-cd]pyrene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5							
32		dibenz[a,h]anthracene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3							
33	●	benzo[ghi]perylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2							
34		phenol				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
35	●	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3							
36		tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
37		carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
38		trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6							
39		vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
40		hexachlorobenzene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1							
								Total:	0.0229 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH52[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH52[6]
Sample Depth:
25.5 m
Moisture content:
7%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.9 mg/kg	1.32	7.245 mg/kg	0.000724 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.86 mg/kg	1.142	0.914 mg/kg	0.0000914 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	16.311 mg/kg	0.00163 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15 mg/kg	1.126	15.706 mg/kg	0.00157 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	8.5 mg/kg		7.905 mg/kg	0.000791 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.139 mg/kg	0.000614 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	85.806 mg/kg	0.00858 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.1 mg/kg	2.554	4.988 mg/kg	0.000499 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		35 mg/kg	2.774	90.298 mg/kg	0.00903 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<**LOD**
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		naphthalene				0.02	mg/kg		0.0186	mg/kg	0.00000186 %	✓	
		601-052-00-2	202-049-5	91-20-3									
19	●	acenaphthylene				0.02	mg/kg		0.0186	mg/kg	0.00000186 %	✓	
			205-917-1	208-96-8									
20	●	acenaphthene				0.03	mg/kg		0.0279	mg/kg	0.00000279 %	✓	
			201-469-6	83-32-9									
21	●	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
22	●	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
23	●	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
24	●	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
25	●	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
31	●	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				0.05	mg/kg		0.0465	mg/kg	0.00000465 %	✓	
		601-041-00-2	200-181-8	53-70-3									
33	●	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35	●	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
			203-458-1, 200-863-5	107-06-2, 75-34-3									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0254 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH53

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH53
Sample Depth:
0.74 m
Moisture content:
17%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.4 mg/kg	1.197	4.372 mg/kg	0.000437 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	27.397 mg/kg	0.00274 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3 mg/kg	1.142	2.844 mg/kg	0.000284 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	35.18 mg/kg	0.00352 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		80 mg/kg	1.126	74.759 mg/kg	0.00748 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	67 mg/kg		55.61 mg/kg	0.00556 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.3 mg/kg	1.353	0.337 mg/kg	0.0000337 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.6 mg/kg	1.5	6.973 mg/kg	0.000697 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		79 mg/kg	2.976	195.154 mg/kg	0.0195 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.78 mg/kg	2.554	1.653 mg/kg	0.000165 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		120 mg/kg	2.774	276.305 mg/kg	0.0276 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH		PH		<4	pH		<4	pH	<4pH		<LOD
19		naphthalene	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2											
20		acenaphthylene	205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
23		phenanthrene	201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
24		anthracene	204-371-1	120-12-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
25		fluoranthene	205-912-4	206-44-0		0.03	mg/kg		0.0249	mg/kg	0.00000249 %	✓	
26		pyrene	204-927-3	129-00-0		0.04	mg/kg		0.0332	mg/kg	0.00000332 %	✓	
27		benzo[a]anthracene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9											
28		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0											
29		benzo[b]fluoranthene	205-911-9	205-99-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4											
30		benzo[k]fluoranthene	205-916-6	207-08-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5											
31		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3											
32		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2											
34		benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
35		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
36		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
38		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
39		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
40		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
41		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6								Total:	0.0696 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH53[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH53[2]
Sample Depth:
1.5 m
Moisture content:
15%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.442 mg/kg	0.000244 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	23.568 mg/kg	0.00236 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.136 mg/kg	0.000214 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	26.089 mg/kg	0.00261 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		67 mg/kg	1.126	64.119 mg/kg	0.00641 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	26 mg/kg		22.1 mg/kg	0.00221 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.12 mg/kg	1.353	0.138 mg/kg	0.0000138 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.9 mg/kg	1.5	6.248 mg/kg	0.000625 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		63 mg/kg	2.976	159.379 mg/kg	0.0159 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.33 mg/kg	2.554	0.716 mg/kg	0.0000716 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	181.568 mg/kg	0.0182 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<**LOD**
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18	●	pH		PH		8.9	pH		8.9	pH	8.9 pH		
19		naphthalene	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2											
20	●	acenaphthylene	205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21	●	acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22	●	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
23	●	phenanthrene	201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
24	●	anthracene	204-371-1	120-12-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
25	●	fluoranthene	205-912-4	206-44-0		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26	●	pyrene	204-927-3	129-00-0		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
27		benzo[a]anthracene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9											
28		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0											
29		benzo[b]fluoranthene	205-911-9	205-99-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4											
30		benzo[k]fluoranthene	205-916-6	207-08-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5											
31		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3											
32	●	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2											
34	●	benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
35		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
36	●	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
38		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
39		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
40		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
41		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6											
										Total:	0.0504 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH53[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH53[3]
Sample Depth:
4 m
Moisture content:
8%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	14.576 mg/kg	0.00146 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.74 mg/kg	1.142	0.778 mg/kg	0.0000778 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	13.446 mg/kg	0.00134 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		13 mg/kg	1.126	13.466 mg/kg	0.00135 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	11 mg/kg		10.12 mg/kg	0.00101 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	57.501 mg/kg	0.00575 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.81 mg/kg	2.554	1.903 mg/kg	0.00019 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		38 mg/kg	2.774	96.984 mg/kg	0.0097 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
18	●	pH			PH		8.6	pH		8.6	pH	8.6 pH		
19		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
20	●	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
21	●	acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
22	●	fluorene		201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
23	●	phenanthrene		201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24	●	anthracene		204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25	●	fluoranthene		205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
26	●	pyrene		204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
27		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28		chrysene	601-048-00-0	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
31		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
32	●	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
33		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
34	●	benzo[ghi]perylene		205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
35		phenol	604-001-00-2	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
36	●	1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
38		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
39		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
40		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
41		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
											Total:	0.023 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH53[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH53[4]
Sample Depth:
7.1 m
Moisture content:
4%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.013 mg/kg	0.0019 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.74 mg/kg	1.142	0.812 mg/kg	0.0000812 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.031 mg/kg	0.0014 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		9 mg/kg	1.126	9.728 mg/kg	0.000973 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	10 mg/kg		9.6 mg/kg	0.00096 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.091 mg/kg	0.0000091 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<**LOD**
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14 mg/kg	2.976	40.001 mg/kg	0.004 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.21 mg/kg	2.554	0.515 mg/kg	0.0000515 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		29 mg/kg	2.774	77.232 mg/kg	0.00772 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		31 mg/kg		29.76 mg/kg	0.00298 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH		PH		8.8	pH		8.8	pH	8.8 pH		
19		naphthalene	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-052-00-2											
20		acenaphthylene	205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
21		acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
22		fluorene	201-695-5	86-73-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
23		phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		anthracene	204-371-1	120-12-7		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
26		pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
27		benzo[a]anthracene	200-280-6	56-55-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9											
28		chrysene	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0											
29		benzo[b]fluoranthene	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4											
30		benzo[k]fluoranthene	205-916-6	207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5											
31		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3											
32		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
33		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2											
34		benzo[ghi]perylene	205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
35		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
36		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
38		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
39		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
40		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
41		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6								Total:	0.0208 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because HP 3(i): Flammable is not relevant for Total TPH as it is not relevant to soil phase concentrations.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00298%)

Classification of sample: ABH53[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH53[5]
Sample Depth:
10.7 m
Moisture content:
4%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4 mg/kg	1.197	3.907 mg/kg	0.000391 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	16.478 mg/kg	0.00165 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	1.974 mg/kg	0.000197 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	18.24 mg/kg	0.00182 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		25 mg/kg	1.126	27.021 mg/kg	0.0027 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	19 mg/kg		18.24 mg/kg	0.00182 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.2 mg/kg	1.5	7.489 mg/kg	0.000749 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		58 mg/kg	2.976	165.718 mg/kg	0.0166 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3 mg/kg	2.554	7.355 mg/kg	0.000736 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		62 mg/kg	2.774	165.117 mg/kg	0.0165 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				8.2	pH		8.2	pH	8.2 pH		
				PH									
19		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0448 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH53[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH53[6]
Sample Depth:
22.4 m
Moisture content:
2%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 2% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.291 mg/kg	0.00233 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.567 mg/kg	0.000157 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		57 mg/kg	1.462	81.643 mg/kg	0.00816 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		280 mg/kg	1.126	308.944 mg/kg	0.0309 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	21 mg/kg		20.58 mg/kg	0.00206 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1 mg/kg	1.5	6.028 mg/kg	0.000603 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		140 mg/kg	2.976	408.344 mg/kg	0.0408 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.2 mg/kg	2.554	8.009 mg/kg	0.000801 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		77 mg/kg	2.774	209.337 mg/kg	0.0209 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				9	pH		9	pH	9pH		
				PH									
19		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.109 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH54

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH54
Sample Depth:
0.5 m
Moisture content:
14%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.2 mg/kg	1.197	3.294 mg/kg	0.000329 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	28.387 mg/kg	0.00284 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.67 mg/kg	0.000167 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	25.139 mg/kg	0.00251 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		77 mg/kg	1.126	74.556 mg/kg	0.00746 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	140 mg/kg		120.4 mg/kg	0.012 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.58 mg/kg	1.353	0.675 mg/kg	0.0000675 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	4.903 mg/kg	0.00049 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	122.86 mg/kg	0.0123 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.86 mg/kg	2.554	1.889 mg/kg	0.000189 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	262.434 mg/kg	0.0262 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				8.7	pH		8.7	pH	8.7 pH		
				PH									
19		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				0.05	mg/kg		0.043	mg/kg	0.0000043 %	✓	
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
41		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
42		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
43		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									
44		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-046-00-2	200-962-3	76-44-8									
45		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
46		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
		602-048-00-3	206-215-8	309-00-2									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.0663 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH54[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH54[2]
Sample Depth:
2 m
Moisture content:
13%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.1 mg/kg	1.197	3.229 mg/kg	0.000323 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26 mg/kg	1.32	29.866 mg/kg	0.00299 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.6 mg/kg	1.142	2.584 mg/kg	0.000258 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	33.06 mg/kg	0.00331 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		90 mg/kg	1.126	88.157 mg/kg	0.00882 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	83 mg/kg		72.21 mg/kg	0.00722 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.33 mg/kg	1.353	0.389 mg/kg	0.0000389 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.9 mg/kg	1.5	7.7 mg/kg	0.00077 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		75 mg/kg	2.976	194.201 mg/kg	0.0194 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.89 mg/kg	2.554	1.977 mg/kg	0.000198 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	265.486 mg/kg	0.0265 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH		PH		8.8	pH		8.8	pH	8.8 pH		
19		naphthalene	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2											
20		acenaphthylene	205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
23		phenanthrene	201-581-5	85-01-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
24		anthracene	204-371-1	120-12-7		0.03	mg/kg		0.0261	mg/kg	0.00000261 %	✓	
25		fluoranthene	205-912-4	206-44-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
26		pyrene	204-927-3	129-00-0		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
27		benzo[a]anthracene	200-280-6	56-55-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9											
28		chrysene	205-923-4	218-01-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0											
29		benzo[b]fluoranthene	205-911-9	205-99-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4											
30		benzo[k]fluoranthene	205-916-6	207-08-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5											
31		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3											
32		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2											
34		benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
35		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
36		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
38		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
39		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
40		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
41		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	200-024-3	50-29-3		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7											
42		dieldrin (ISO)	200-484-5	60-57-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9											
43		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	200-775-7	72-20-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X											
44		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	200-962-3	76-44-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2											
45		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6											
46		aldrin (ISO)	206-215-8	309-00-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3											

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.0715 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH54[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH54[3]
Sample Depth:
3.2 m
Moisture content:
8%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.9 mg/kg	1.197	4.295 mg/kg	0.00043 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	17.006 mg/kg	0.0017 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	1.892 mg/kg	0.000189 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	24.203 mg/kg	0.00242 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130 mg/kg	1.126	134.656 mg/kg	0.0135 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	29 mg/kg		26.68 mg/kg	0.00267 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.0996 mg/kg	0.00000996 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.349 mg/kg	0.000635 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	115.003 mg/kg	0.0115 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		9.2 mg/kg	2.554	21.616 mg/kg	0.00216 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		72 mg/kg	2.774	183.759 mg/kg	0.0184 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				8.7	pH		8.7	pH	8.7 pH		
				PH									
19		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0551 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH54[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH54[4]
Sample Depth:
9 m
Moisture content:
8%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.304 mg/kg	0.00033 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.2 mg/kg	1.32	11.175 mg/kg	0.00112 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	1.997 mg/kg	0.0002 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	26.893 mg/kg	0.00269 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		34 mg/kg	1.126	35.218 mg/kg	0.00352 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	13 mg/kg		11.96 mg/kg	0.0012 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.6 mg/kg	1.5	10.489 mg/kg	0.00105 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	147.861 mg/kg	0.0148 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.7 mg/kg	2.554	8.693 mg/kg	0.000869 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		60 mg/kg	2.774	153.133 mg/kg	0.0153 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				7.7	pH		7.7	pH	7.7 pH		
				PH									
19		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0426 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH54[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH54[5]
Sample Depth:
19 m
Moisture content:
2%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 2% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10 mg/kg	1.32	12.939 mg/kg	0.00129 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.119 mg/kg	0.000112 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	32.943 mg/kg	0.00329 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		77 mg/kg	1.126	84.96 mg/kg	0.0085 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	15 mg/kg		14.7 mg/kg	0.00147 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.5 mg/kg	1.5	6.616 mg/kg	0.000662 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	137.087 mg/kg	0.0137 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.6 mg/kg	2.554	6.507 mg/kg	0.000651 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		39 mg/kg	2.774	106.028 mg/kg	0.0106 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				7.9	pH		7.9	pH	7.9 pH		
				PH									
19		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0421 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH54[6]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH54[6]
Sample Depth:
31 m
Moisture content:
7%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<1 mg/kg	1.32	<1.32 mg/kg	<0.000132 %		<LOD
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		41 mg/kg	1.142	43.557 mg/kg	0.00436 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33 mg/kg	1.462	44.855 mg/kg	0.00449 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		86 mg/kg	1.126	90.049 mg/kg	0.009 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	54 mg/kg		50.22 mg/kg	0.00502 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.139 mg/kg	0.000614 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		170 mg/kg	2.976	470.547 mg/kg	0.0471 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.325 mg/kg	0.000333 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		330 mg/kg	2.774	851.386 mg/kg	0.0851 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				8.8	pH		8.8	pH	8.8 pH		
				PH									
19		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				0.05	mg/kg		0.0465	mg/kg	0.00000465 %	✓	
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.158 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH55

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH55
Sample Depth:
23 m
Moisture content:
1%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 1% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3 mg/kg	1.197	3.555 mg/kg	0.000356 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.221 mg/kg	0.00222 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.244 mg/kg	0.000124 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	15.916 mg/kg	0.00159 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.178 mg/kg	0.00212 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	20 mg/kg		19.8 mg/kg	0.00198 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.067 mg/kg	0.0000067 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7.6 mg/kg	1.5	11.287 mg/kg	0.00113 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	109.021 mg/kg	0.0109 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.4 mg/kg	2.554	6.068 mg/kg	0.000607 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		30 mg/kg	2.774	82.392 mg/kg	0.00824 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
18		xylene									
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
19		naphthalene									
		601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
20	●	acenaphthylene									
			205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
21	●	acenaphthene									
			201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
22	●	fluorene									
			201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
23	●	phenanthrene									
			201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
24	●	anthracene									
			204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
25	●	fluoranthene									
			205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
26	●	pyrene									
			204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
27		benzo[a]anthracene									
		601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
28		chrysene									
		601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
29		benzo[b]fluoranthene									
		601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
30		benzo[k]fluoranthene									
		601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
31		benzo[a]pyrene; benzo[def]chrysene									
		601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
32	●	indeno[123-cd]pyrene									
			205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
33		dibenz[a,h]anthracene									
		601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
34	●	benzo[ghi]perylene									
			205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
35		phenol									
		604-001-00-2	203-632-7	108-95-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
36	●	1,1-dichloroethane and 1,2-dichloroethane (combined)									
			203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
37		tetrachloroethylene									
		602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
38		carbon tetrachloride; tetrachloromethane									
		602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
39		trichloroethylene; trichloroethene									
		602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
40		vinyl chloride; chloroethylene									
		602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
41		hexachlorobenzene									
		602-065-00-6	204-273-9	118-74-1		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
									Total:	0.0309 %	

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP51WS

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP51WS
Sample Depth:
0.5 m
Moisture content:
21%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.3 mg/kg	1.197	4.067 mg/kg	0.000407 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	20.861 mg/kg	0.00209 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.083 mg/kg	0.000108 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	18.474 mg/kg	0.00185 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		75 mg/kg	1.126	66.709 mg/kg	0.00667 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	250 mg/kg		197.5 mg/kg	0.0197 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.81 mg/kg	1.353	0.866 mg/kg	0.0000866 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	65.835 mg/kg	0.00658 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.96 mg/kg	2.554	1.937 mg/kg	0.000194 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		170 mg/kg	2.774	372.568 mg/kg	0.0373 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				8.5	pH		8.5	pH	8.5 pH		
				PH									
19		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0769 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP51WS[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP51WS[2]
Sample Depth:
1.4 m
Moisture content:
12%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	2.739 mg/kg	0.000274 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	24.4 mg/kg	0.00244 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.513 mg/kg	0.000251 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	27.01 mg/kg	0.0027 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		81 mg/kg	1.126	80.253 mg/kg	0.00803 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	71 mg/kg		62.48 mg/kg	0.00625 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.49 mg/kg	1.353	0.584 mg/kg	0.0000584 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.8 mg/kg	1.5	6.337 mg/kg	0.000634 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		63 mg/kg	2.976	165.004 mg/kg	0.0165 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.59 mg/kg	2.554	1.326 mg/kg	0.000133 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100 mg/kg	2.774	244.125 mg/kg	0.0244 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				8.9	pH		8.9	pH	8.9 pH		
				PH									
19		naphthalene				0.02	mg/kg		0.0176	mg/kg	0.00000176 %	✓	
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				0.03	mg/kg		0.0264	mg/kg	0.00000264 %	✓	
			205-917-1	208-96-8									
21		acenaphthene				0.05	mg/kg		0.044	mg/kg	0.0000044 %	✓	
			201-469-6	83-32-9									
22		fluorene				0.05	mg/kg		0.044	mg/kg	0.0000044 %	✓	
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
25		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
26		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0633 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP52WS

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP52WS
Sample Depth:
0.5 m
Moisture content:
14%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	2.677 mg/kg	0.000268 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	18.168 mg/kg	0.00182 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.67 mg/kg	0.000167 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	23.882 mg/kg	0.00239 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		59 mg/kg	1.126	57.128 mg/kg	0.00571 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	62 mg/kg		53.32 mg/kg	0.00533 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.32 mg/kg	1.353	0.372 mg/kg	0.0000372 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	5.161 mg/kg	0.000516 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	127.979 mg/kg	0.0128 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	3.953 mg/kg	0.000395 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		89 mg/kg	2.774	212.333 mg/kg	0.0212 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH				8.7	pH		8.7	pH	8.7 pH		
				PH									
19		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
21		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
22		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
23		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
24		anthracene				0.04	mg/kg		0.0344	mg/kg	0.00000344 %	✓	
			204-371-1	120-12-7									
25		fluoranthene				0.37	mg/kg		0.318	mg/kg	0.0000318 %	✓	
			205-912-4	206-44-0									
26		pyrene				0.35	mg/kg		0.301	mg/kg	0.0000301 %	✓	
			204-927-3	129-00-0									
27		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				0.02	mg/kg		0.0172	mg/kg	0.00000172 %	✓	
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
36		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
37		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
38		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
39		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
40		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
41		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
42		dieldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
43		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
44		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
45		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
46		aldrin (ISO)				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3	206-215-8	309-00-2									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.0524 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP52WSA

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP52WSA
Sample Depth:
2.4 m
Moisture content:
16%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.8 mg/kg	1.197	2.816 mg/kg	0.000282 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	25.509 mg/kg	0.00255 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.7 mg/kg	1.142	2.591 mg/kg	0.000259 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	35.603 mg/kg	0.00356 %	✓	
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		67 mg/kg	1.126	63.365 mg/kg	0.00634 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	45 mg/kg		37.8 mg/kg	0.00378 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.12 mg/kg	1.353	0.136 mg/kg	0.0000136 %	✓	
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.2 mg/kg	1.5	7.813 mg/kg	0.000781 %	✓	
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		82 mg/kg	2.976	205.005 mg/kg	0.0205 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.3 mg/kg	2.554	4.934 mg/kg	0.000493 %	✓	
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	256.331 mg/kg	0.0256 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		pH		PH		8.8	pH		8.8	pH	8.8 pH		
19		naphthalene	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2											
20		acenaphthylene	205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
23		phenanthrene	201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
24		anthracene	204-371-1	120-12-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
25		fluoranthene	205-912-4	206-44-0		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		pyrene	204-927-3	129-00-0		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
27		benzo[a]anthracene	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9											
28		chrysene	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0											
29		benzo[b]fluoranthene	205-911-9	205-99-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4											
30		benzo[k]fluoranthene	205-916-6	207-08-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5											
31		benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3											
32		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		dibenz[a,h]anthracene	200-181-8	53-70-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2											
34		benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
35		phenol	203-632-7	108-95-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2											
36		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
37		tetrachloroethylene	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4											
38		carbon tetrachloride; tetrachloromethane	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5											
39		trichloroethylene; trichloroethene	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9											
40		vinyl chloride; chloroethylene	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7											
41		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	200-024-3	50-29-3		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-045-00-7											
42		dieldrin (ISO)	200-484-5	60-57-1		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-049-00-9											
43		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	200-775-7	72-20-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-051-00-X											
44		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	200-962-3	76-44-8		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-046-00-2											
45		hexachlorobenzene	204-273-9	118-74-1		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6											
46		aldrin (ISO)	206-215-8	309-00-2		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		602-048-00-3											

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.0658 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MGI/BH/729

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
MGI/BH/729
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		<0.5 mg/kg	1.32	<0.66 mg/kg	<0.000066 %		<LOD
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %	✓	
3	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %	✓	
4	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	18 mg/kg		18 mg/kg	0.0018 %	✓	
5	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
6	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %	✓	
7	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.5 mg/kg	2.554	<1.277 mg/kg	<0.000128 %		<LOD
8	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		102 mg/kg	2.774	282.963 mg/kg	0.0283 %	✓	
9	TPH (C6 to C40) petroleum group			TPH		457 mg/kg		457 mg/kg	0.0457 %	✓	
10	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
12	toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
13	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
14	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	naphthalene	601-052-00-2	202-049-5	91-20-3		0.009 mg/kg		0.009 mg/kg	0.0000009 %	✓	
16	acenaphthylene		205-917-1	208-96-8		0.007 mg/kg		0.007 mg/kg	0.0000007 %	✓	
17	acenaphthene		201-469-6	83-32-9		0.037 mg/kg		0.037 mg/kg	0.0000037 %	✓	
18	fluorene		201-695-5	86-73-7		0.014 mg/kg		0.014 mg/kg	0.0000014 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
19		phenanthrene				0.051	mg/kg		0.051	mg/kg	0.0000051 %	✓	
			201-581-5	85-01-8									
20		anthracene				0.024	mg/kg		0.024	mg/kg	0.0000024 %	✓	
			204-371-1	120-12-7									
21		fluoranthene				0.08	mg/kg		0.08	mg/kg	0.000008 %	✓	
			205-912-4	206-44-0									
22		pyrene				0.078	mg/kg		0.078	mg/kg	0.0000078 %	✓	
			204-927-3	129-00-0									
23		benzo[a]anthracene				0.038	mg/kg		0.038	mg/kg	0.0000038 %	✓	
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				0.037	mg/kg		0.037	mg/kg	0.0000037 %	✓	
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				0.03	mg/kg		0.03	mg/kg	0.000003 %	✓	
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				0.022	mg/kg		0.022	mg/kg	0.0000022 %	✓	
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				0.011	mg/kg		0.011	mg/kg	0.0000011 %	✓	
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				0.003	mg/kg		0.003	mg/kg	0.0000003 %	✓	
			205-883-8	191-24-2									
29		phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
30		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-045-00-7	200-024-3	50-29-3									
31		dieldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-049-00-9	200-484-5	60-57-1									
32		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-051-00-X	200-775-7	72-20-8									
33		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-046-00-2	200-962-3	76-44-8									
34		aldrin (ISO)				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		**<LOD**
		602-048-00-3	206-215-8	309-00-2									
										Total:	0.0949 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because HP 3(i): Flammable is not relevant for Total TPH as it is not relevant to soil phase concentrations.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0457%)

Classification of sample: NBH106

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH106
Sample Depth:
1 m
Moisture content:
10%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.8 mg/kg	1.197	4.094 mg/kg	0.000409 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	29.707 mg/kg	0.00297 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.645 mg/kg	0.000164 %	✓	
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36 mg/kg	1.126	36.479 mg/kg	0.00365 %	✓	
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	42 mg/kg		37.8 mg/kg	0.00378 %	✓	
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.13 mg/kg	1.353	0.158 mg/kg	0.0000158 %	✓	
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4 mg/kg	1.5	5.401 mg/kg	0.00054 %	✓	
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		41 mg/kg	2.976	109.824 mg/kg	0.011 %	✓	
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.34 mg/kg	2.554	0.781 mg/kg	0.0000781 %	✓	
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		68 mg/kg	2.774	169.778 mg/kg	0.017 %	✓	
11	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
18		acenaphthylene	205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
19		acenaphthene	201-469-6	83-32-9		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
20		fluorene	201-695-5	86-73-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
21		phenanthrene	201-581-5	85-01-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
22		anthracene	204-371-1	120-12-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
23		fluoranthene	205-912-4	206-44-0		0.15 mg/kg		0.135 mg/kg	0.0000135 %	✓	
24		pyrene	204-927-3	129-00-0		0.15 mg/kg		0.135 mg/kg	0.0000135 %	✓	
25		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
26		chrysene	601-048-00-0	205-923-4	218-01-9	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
27		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
28		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
29		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
30		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
31		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
32		benzo[ghi]perylene	205-883-8	191-24-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
33		phenol	604-001-00-2	203-632-7	108-95-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
34		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
35		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
40		polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.12 mg/kg		<0.12 mg/kg	<0.000012 %		<LOD
								Total:	0.0419 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH107

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH107
Sample Depth:
0.5 m
Moisture content:
5%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.01 mg/kg	1.197	<0.012 mg/kg	<0.0000012 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	31.358 mg/kg	0.00314 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.713 mg/kg	0.000271 %	✓	
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12 mg/kg	1.126	12.835 mg/kg	0.00128 %	✓	
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	100 mg/kg		95 mg/kg	0.0095 %	✓	
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		20 mg/kg	2.976	56.549 mg/kg	0.00565 %	✓	
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.62 mg/kg	2.554	1.504 mg/kg	0.00015 %	✓	
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		240 mg/kg	2.774	632.505 mg/kg	0.0633 %	✓	
11	TPH (C6 to C40) petroleum group			TPH		112 mg/kg		106.4 mg/kg	0.0106 %	✓	
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		acenaphthylene	205-917-1	208-96-8		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
19		acenaphthene	201-469-6	83-32-9		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
20		fluorene	201-695-5	86-73-7		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
21		phenanthrene	201-581-5	85-01-8		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
22		anthracene	204-371-1	120-12-7		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
23		fluoranthene	205-912-4	206-44-0		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
24		pyrene	204-927-3	129-00-0		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
25		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
26		chrysene	601-048-00-0	205-923-4	218-01-9	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
27		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
28		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
29		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
30		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
32		benzo[ghi]perylene	205-883-8	191-24-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		phenol	604-001-00-2	203-632-7	108-95-2	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
34		1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
38		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
39		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
40		polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
										Total:	0.0949 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because HP 3(i): Flammable is not relevant for Total TPH as it is not relevant to soil phase concentrations.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0106%)

Classification of sample: NBH219B

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH219B
Sample Depth:
0.5 m
Moisture content:
13%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	24.122 mg/kg	0.00241 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.093 mg/kg	0.000109 %	✓	
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	27.427 mg/kg	0.00274 %	✓	
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	92 mg/kg		80.04 mg/kg	0.008 %	✓	
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.3 mg/kg	1.353	0.353 mg/kg	0.0000353 %	✓	
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.4 mg/kg	1.5	3.132 mg/kg	0.000313 %	✓	
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	77.681 mg/kg	0.00777 %	✓	
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		55 mg/kg	2.774	132.743 mg/kg	0.0133 %	✓	
11	TPH (C6 to C40) petroleum group			TPH		976.8 mg/kg		849.816 mg/kg	0.085 %	✓	
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18	●	acenaphthylene	205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19	●	acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20	●	fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21	●	phenanthrene	201-581-5	85-01-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22	●	anthracene	204-371-1	120-12-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
23	●	fluoranthene	205-912-4	206-44-0		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
24	●	pyrene	204-927-3	129-00-0		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
25		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		chrysene	601-048-00-0	205-923-4	218-01-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
27		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
28		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
29		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
30	●	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32	●	benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		phenol	604-001-00-2	203-632-7	108-95-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
34	●	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
38		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
39		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
40	●	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
										Total:	0.12 %			

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because HP 3(i): Flammable is not relevant for Total TPH as it is not relevant to soil phase concentrations.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.085%)

Classification of sample: NBH219B[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH219B[2]
Sample Depth:
1.2 m
Moisture content:
21%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.081 mg/kg	0.000208 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	29.206 mg/kg	0.00292 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.083 mg/kg	0.000108 %	✓	
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40 mg/kg	1.126	35.578 mg/kg	0.00356 %	✓	
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	170 mg/kg		134.3 mg/kg	0.0134 %	✓	
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.68 mg/kg	1.353	0.727 mg/kg	0.0000727 %	✓	
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.7 mg/kg	1.5	3.2 mg/kg	0.00032 %	✓	
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	98.752 mg/kg	0.00988 %	✓	
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.49 mg/kg	2.554	0.989 mg/kg	0.0000989 %	✓	
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80 mg/kg	2.774	175.326 mg/kg	0.0175 %	✓	
11	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
18		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
19		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0497 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH220

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH220
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %	✓	
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %	✓	
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		51 mg/kg	1.126	57.42 mg/kg	0.00574 %	✓	
5	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1200 mg/kg		1200 mg/kg	0.12 %	✓	
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.353 mg/kg	0.000135 %	✓	
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %	✓	
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %	✓	
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.36 mg/kg	2.554	0.919 mg/kg	0.0000919 %	✓	
10	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		71 mg/kg	2.774	196.964 mg/kg	0.0197 %	✓	
11	TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<LOD
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		0.0021 mg/kg		0.0021 mg/kg	0.00000021 %	✓	
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	naphthalene	601-052-00-2	202-049-5	91-20-3		0.39 mg/kg		0.39 mg/kg	0.000039 %	✓	
18	acenaphthylene		205-917-1	208-96-8		0.11 mg/kg		0.11 mg/kg	0.000011 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
19		acenaphthene				0.2	mg/kg		0.2	mg/kg	0.00002 %	✓	
			201-469-6	83-32-9									
20		fluorene				0.19	mg/kg		0.19	mg/kg	0.000019 %	✓	
			201-695-5	86-73-7									
21		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
22		anthracene				0.21	mg/kg		0.21	mg/kg	0.000021 %	✓	
			204-371-1	120-12-7									
23		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.162 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because HP 3(i): Flammable is not relevant for Total TPH as it is not relevant to soil phase concentrations.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 2.1e-07%)

Classification of sample: NBH220[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH220[2]
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %	✓	
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.34 mg/kg	1.142	0.388 mg/kg	0.0000388 %	✓	
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14 mg/kg	1.126	15.762 mg/kg	0.00158 %	✓	
5		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	110 mg/kg		110 mg/kg	0.011 %	✓	
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.52 mg/kg	1.353	0.704 mg/kg	0.0000704 %	✓	
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		<**LOD**
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		10 mg/kg	2.976	29.763 mg/kg	0.00298 %	✓	
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<**LOD**
10		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		25 mg/kg	2.774	69.354 mg/kg	0.00694 %	✓	
11		TPH (C6 to C40) petroleum group			TPH		<14 mg/kg		<14 mg/kg	<0.0014 %		<**LOD**
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13		benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14		toluene	601-021-00-3	203-625-9	108-88-3		0.0018 mg/kg		0.0018 mg/kg	0.00000018 %	✓	
15		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
19		acenaphthene	201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluorene	201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
21		phenanthrene	201-581-5	85-01-8		0.42	mg/kg		0.42	mg/kg	0.000042 %	✓	
22		anthracene	204-371-1	120-12-7		0.09	mg/kg		0.09	mg/kg	0.000009 %	✓	
23		fluoranthene	205-912-4	206-44-0		0.45	mg/kg		0.45	mg/kg	0.000045 %	✓	
24		pyrene	204-927-3	129-00-0		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
25		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.33	mg/kg		0.33	mg/kg	0.000033 %	✓	
26		chrysene	601-048-00-0	205-923-4	218-01-9	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
27		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
28		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
29		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
30		indeno[123-cd]pyrene	205-893-2	193-39-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		benzo[ghi]perylene	205-883-8	191-24-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
33		phenol	604-001-00-2	203-632-7	108-95-2	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
34		1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3	<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
38		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
39		hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
40		polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
										Total:	0.0267 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because HP 3(i): Flammable is not relevant for Total TPH as it is not relevant to soil phase concentrations.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 1.8e-07%)

Appendix A: Classifier defined and non GB MCL determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **lead compounds with the exception of those specified elsewhere in this Annex**

GB MCL index number: 082-001-00-6
Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers many simple lead compounds to be Carcinogenic category 2
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

- **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

1,1-dichloroethane and 1,2-dichloroethane (combined) (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 1B; H350 , Aquatic Chronic 3; H412

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

GB MCL index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Due to the low noted concentrations of chromium, it is not possible that lead will be present at lead chromate within the soils.

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2022.146.5158.9719 (26 May 2022)
HazWasteOnline Database: 2022.146.5158.9719 (26 May 2022)

This classification utilises the following guidance and legislation:
WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
GB MCL List - version 1.1 of 09 June 2021

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

5NTO1-R29F0-O3A1B

Job name

Metrolink - Charlemont

Description/Comments

Project

Metrolink

Site

Charlemont

Classified by

Name:
Stewart Easton
Date:
09 Sep 2021 11:34 GMT
Telephone:
0141.243.8000

Company:
Jacobs UK Ltd
95 Bothwell Street,
Glasgow
G2 7HX

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	24 May 2017
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	ABH56	25.5	Non Hazardous		3
2	ABH57	2.4	Non Hazardous		5
3	ABH57[2]	4.5	Non Hazardous		7
4	ABH57[3]	5.5	Non Hazardous		9
5	ABH57[4]	15.5	Non Hazardous		11
6	ABH58	28.5	Non Hazardous		13
7	ABH59	22.2	Non Hazardous		15
8	ATP54	2	Non Hazardous		17
9	ATP54[2]	2.9	Non Hazardous		20
10	ATP54[3]	3.5	Non Hazardous		23
11	ATP55	1	Non Hazardous		26
12	ATP55[2]	1.5	Non Hazardous		29
13	ATP55[3]	2.5	Non Hazardous		32
14	ATP55[4]	3.5	Non Hazardous		35
15	NBH110	0.5	Hazardous	HP 8	38
16	NBH222	0.3	Hazardous	HP 3(i), HP 7, HP 11	41
17	NBH222[2]	0.6	Non Hazardous		44
18	NBH222[3]	1	Non Hazardous		47
19	NBH29	0.5	Non Hazardous		49
20	NBH30A	0.5	Non Hazardous		52
21	NBH31	1	Non Hazardous		54

Related documents

#	Name	Description
1	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Stewart Easton

Created date: 09 Sep 2021 11:34 GMT

Classification of sample: ABH56

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH56	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
25.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5.1 mg/kg	1.197	6.105 mg/kg	0.000611 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.8 mg/kg	1.142	3.199 mg/kg	0.00032 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		18 mg/kg	1.5	27.003 mg/kg	0.0027 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		67 mg/kg	2.976	199.41 mg/kg	0.0199 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		7 mg/kg	2.554	17.877 mg/kg	0.00179 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		87 mg/kg	2.469	214.829 mg/kg	0.0215 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0605 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH57

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH57	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5.7 mg/kg	1.197	6.823 mg/kg	0.000682 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.8 mg/kg	1.5	10.201 mg/kg	0.00102 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.6 mg/kg	2.554	6.64 mg/kg	0.000664 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		83 mg/kg	2.469	204.952 mg/kg	0.0205 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.051 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH57[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH57[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
4.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.9 mg/kg	1.197	3.472 mg/kg	0.000347 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17 mg/kg	1.56	26.517 mg/kg	0.0017 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05 mg/kg	1.353	0.0677 mg/kg	0.00000677 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		62 mg/kg	2.469	153.096 mg/kg	0.0153 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.6 pH		8.6 pH	8.6 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0372 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH57[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ABH57[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
5.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		24 mg/kg	1.197	28.73 mg/kg	0.00287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		52 mg/kg	1.32	68.657 mg/kg	0.00687 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		8.9 mg/kg	1.142	10.167 mg/kg	0.00102 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		90 mg/kg	1.126	101.33 mg/kg	0.0101 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	40.555 mg/kg	0.0026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		40 mg/kg	1.5	60.008 mg/kg	0.006 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		260 mg/kg	2.976	773.829 mg/kg	0.0774 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		28 mg/kg	2.554	71.507 mg/kg	0.00715 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		370 mg/kg	2.469	913.64 mg/kg	0.0914 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.4 pH		8.4 pH	8.4 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.208 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH57[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ABH57[4]

Sample Depth:
15.5 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.6	mg/kg	1.197	5.507	mg/kg	0.000551 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18	mg/kg	1.32	23.766	mg/kg	0.00238 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.7	mg/kg	1.142	4.227	mg/kg	0.000423 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23	mg/kg	1.126	25.895	mg/kg	0.00259 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	7.6	mg/kg	1.56	11.855	mg/kg	0.00076 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<**LOD**
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		13	mg/kg	1.5	19.502	mg/kg	0.00195 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42	mg/kg	2.976	125.003	mg/kg	0.0125 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		6.6	mg/kg	2.554	16.855	mg/kg	0.00169 %		
12		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		85	mg/kg	2.469	209.89	mg/kg	0.021 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		pH			PH		9	pH		9	pH	9pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0456 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH58

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH58	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
28.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.5 mg/kg	1.197	7.781 mg/kg	0.000778 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		4 mg/kg	1.142	4.569 mg/kg	0.000457 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		62 mg/kg	1.126	69.805 mg/kg	0.00698 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		10 mg/kg	1.5	15.002 mg/kg	0.0015 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		76 mg/kg	2.976	226.196 mg/kg	0.0226 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		6.5 mg/kg	2.554	16.6 mg/kg	0.00166 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		97 mg/kg	2.469	239.522 mg/kg	0.024 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.0663 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ABH59

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ABH59	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
22.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.3 mg/kg	1.32	6.998 mg/kg	0.0007 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<**LOD**
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		1.1 mg/kg	1.462	1.608 mg/kg	0.000161 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		7.3 mg/kg	1.126	8.219 mg/kg	0.000822 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	10 mg/kg	1.56	15.598 mg/kg	0.001 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		11 mg/kg	2.976	32.739 mg/kg	0.00327 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.55 mg/kg	2.554	1.405 mg/kg	0.00014 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		3 mg/kg	2.469	7.408 mg/kg	0.000741 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
										Total:	0.00758 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP54

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
ATP54	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4 mg/kg	1.197	4.07 mg/kg	0.000407 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		54 mg/kg	1.126	60.798 mg/kg	0.00608 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	69 mg/kg	1.56	107.627 mg/kg	0.0069 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.27 mg/kg	1.353	0.365 mg/kg	0.0000365 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.3 mg/kg	1.5	7.951 mg/kg	0.000795 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.61 mg/kg	2.554	1.558 mg/kg	0.000156 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		110 mg/kg	2.469	271.623 mg/kg	0.0272 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<LOD
				35822-46-9									
45		OCDD				1.82	ng/kg		1.82e-06	mg/kg	1.82e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.1	ng/kg		<1.0e-07	mg/kg	<1.0e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.05	ng/kg		<5.0e-08	mg/kg	<5.0e-12 %		<**LOD**
54		OCDF		39001-02-0		<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<**LOD**
										Total:	0.0643 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP54[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP54[2]
Sample Depth:
2.9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3	mg/kg	1.197	2.753	mg/kg	0.000275 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.9	mg/kg	1.142	3.313	mg/kg	0.000331 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130	mg/kg	1.126	146.365	mg/kg	0.0146 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	25	mg/kg	1.56	38.995	mg/kg	0.0025 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05	mg/kg	1.353	0.0677	mg/kg	0.00000677 %		
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.4	mg/kg	1.5	8.101	mg/kg	0.00081 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56	mg/kg	2.976	166.671	mg/kg	0.0167 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.74	mg/kg	2.554	1.89	mg/kg	0.000189 %		
12		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		76	mg/kg	2.469	187.667	mg/kg	0.0188 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		pH			PH		8.7	pH		8.7	pH	8.7 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.38	ng/kg		<3.8e-07	mg/kg	<3.8e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.3	ng/kg		<3.0e-07	mg/kg	<3.0e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.31	ng/kg		<3.1e-07	mg/kg	<3.1e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				4.29	ng/kg		4.29e-06	mg/kg	4.29e-10 %		
				35822-46-9									
45		OCDD				35.7	ng/kg		3.57e-05	mg/kg	0.000000003 %		
				3268-87-9									
46		2,3,7,8-TeCDF				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.24	ng/kg		<2.4e-07	mg/kg	<2.4e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		0.305	ng/kg		3.05e-07	mg/kg	3.05e-11 %		
54		OCDF		39001-02-0		5.45	ng/kg		5.45e-06	mg/kg	5.45e-10 %		
										Total:	0.0604 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP54[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP54[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	90 mg/kg	1.56	140.383 mg/kg	0.009 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8 mg/kg	1.5	5.701 mg/kg	0.00057 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.22 mg/kg	2.554	0.562 mg/kg	0.0000562 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		65 mg/kg	2.469	160.504 mg/kg	0.0161 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.7 pH		8.7 pH	8.7 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				0.039	mg/kg		0.039	mg/kg	0.0000039 %		
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.26	ng/kg		<2.6e-07	mg/kg	<2.6e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.3	ng/kg		<3.0e-07	mg/kg	<3.0e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.22	ng/kg		<2.2e-07	mg/kg	<2.2e-11 %		<LOD
				35822-46-9									
45		OCDD				8.22	ng/kg		8.22e-06	mg/kg	8.22e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				2.16	ng/kg		2.16e-06	mg/kg	2.16e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.11	ng/kg		<1.1e-07	mg/kg	<1.1e-11 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<**LOD**
54		OCDF		39001-02-0		<0.45	ng/kg		<4.5e-07	mg/kg	<4.5e-11 %		<**LOD**
										Total:	0.0468 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP55

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP55
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.6 mg/kg	1.197	4.31 mg/kg	0.000431 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		48 mg/kg	1.32	63.376 mg/kg	0.00634 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130 mg/kg	1.126	146.365 mg/kg	0.0146 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	710 mg/kg	1.56	1107.469 mg/kg	0.071 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.49 mg/kg	1.353	0.663 mg/kg	0.0000663 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.3 mg/kg	1.5	6.451 mg/kg	0.000645 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.31 mg/kg	2.554	0.792 mg/kg	0.0000792 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		280 mg/kg	2.469	691.403 mg/kg	0.0691 %		
13	TPH (C6 to C40) petroleum group			TPH		23.5 mg/kg		23.5 mg/kg	0.00235 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	pH			PH		8.4 pH		8.4 pH	8.4 pH		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
20		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			205-917-1	208-96-8									
21		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-469-6	83-32-9									
22		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
23		phenanthrene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
			201-581-5	85-01-8									
24		anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			204-371-1	120-12-7									
25		fluoranthene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			205-912-4	206-44-0									
26		pyrene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			204-927-3	129-00-0									
27		benzo[a]anthracene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		601-033-00-9	200-280-6	56-55-3									
28		chrysene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-048-00-0	205-923-4	218-01-9									
29		benzo[b]fluoranthene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-036-00-5	205-916-6	207-08-9									
31		benzo[a]pyrene; benzo[def]chrysene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		601-032-00-3	200-028-5	50-32-8									
32		indeno[123-cd]pyrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			205-893-2	193-39-5									
33		dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
34		benzo[ghi]perylene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			205-883-8	191-24-2									
35		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
36		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
37		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
38		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
39		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
40		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
41		2,3,7,8-TeCDD				<0.78	ng/kg		<7.8e-07	mg/kg	<7.8e-11 %		<**LOD**
			217-122-7	1746-01-6									
42		1,2,3,7,8-PeCDD				7.92	ng/kg		7.92e-06	mg/kg	7.92e-10 %		
				40321-76-4									
43		1,2,3,4,7,8-HxCDD				5.3	ng/kg		5.3e-06	mg/kg	5.3e-10 %		
				39227-28-6									
44		1,2,3,7,8,9-HxCDD				8.46	ng/kg		8.46e-06	mg/kg	8.46e-10 %		
				19408-74-3									
45		1,2,3,4,6,7,8-HpCDD				90.6	ng/kg		9.06e-05	mg/kg	0.000000009 %		
				35822-46-9									
46		OCDD				463	ng/kg		0.0004	mg/kg	0.000000046 %		
				3268-87-9									
47		2,3,7,8-TeCDF				16	ng/kg		1.6e-05	mg/kg	0.000000001 %		
				51207-31-9									
48		1,2,3,7,8-PeCDF				10.8	ng/kg		1.08e-05	mg/kg	0.000000001 %		
				57117-41-6									
49		2,3,4,7,8-PeCDF				22.5	ng/kg		2.25e-05	mg/kg	0.000000002 %		
				57117-31-4									
50		1,2,3,4,7,8-HxCDF				26.1	ng/kg		2.61e-05	mg/kg	0.000000002 %		
				70648-26-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,6,7,8-HxCDF		57117-44-9		20.3	ng/kg		2.03e-05	mg/kg	0.000000002 %		
52		1,2,3,7,8,9-HxCDF		72918-21-9		1.48	ng/kg		1.48e-06	mg/kg	1.48e-10 %		
53		2,3,4,6,7,8-HxCDF		60851-34-5		21.4	ng/kg		2.14e-05	mg/kg	0.000000002 %		
54		1,2,3,4,7,8,9-HpCDF		55673-89-7		5.57	ng/kg		5.57e-06	mg/kg	5.57e-10 %		
55		OCDF		39001-02-0		315	ng/kg		0.0003	mg/kg	0.000000031 %		
										Total:	0.183 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00235%)

Classification of sample: ATP55[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP55[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.2 mg/kg	1.142	3.655 mg/kg	0.000366 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		50 mg/kg	1.126	56.294 mg/kg	0.00563 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	51 mg/kg	1.56	79.551 mg/kg	0.0051 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.1 mg/kg	1.5	7.651 mg/kg	0.000765 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		74 mg/kg	2.976	220.244 mg/kg	0.022 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		130 mg/kg	2.469	321.009 mg/kg	0.0321 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.2 pH		8.2 pH	8.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.27	ng/kg		<2.7e-07	mg/kg	<2.7e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.2	ng/kg		<2.0e-07	mg/kg	<2.0e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.23	ng/kg		<2.3e-07	mg/kg	<2.3e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				35822-46-9									
45		OCDD				4.47	ng/kg		4.47e-06	mg/kg	4.47e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.93	ng/kg		1.93e-06	mg/kg	1.93e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.09	ng/kg		<9.0e-08	mg/kg	<9.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.18	ng/kg		<1.8e-07	mg/kg	<1.8e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.13	ng/kg		<1.3e-07	mg/kg	<1.3e-11 %		<**LOD**
54		OCDF		39001-02-0		1.19	ng/kg		1.19e-06	mg/kg	1.19e-10 %		
										Total:	0.0728 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP55[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
ATP55[3]
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<LOD
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4	mg/kg	1.142	2.742	mg/kg	0.000274 %		
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
5		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36	mg/kg	1.126	40.532	mg/kg	0.00405 %		
7		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21	mg/kg	1.56	32.756	mg/kg	0.0021 %		
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05	mg/kg	1.353	<0.0677	mg/kg	<0.00000677 %		<LOD
9		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7	mg/kg	1.5	7.051	mg/kg	0.000705 %		
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53	mg/kg	2.976	157.742	mg/kg	0.0158 %		
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.58	mg/kg	2.554	1.481	mg/kg	0.000148 %		
12		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		77	mg/kg	2.469	190.136	mg/kg	0.019 %		
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		pH			PH		8.7	pH		8.7	pH	8.7 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				35822-46-9									
45		OCDD				3.13	ng/kg		3.13e-06	mg/kg	3.13e-10 %		
				3268-87-9									
46		2,3,7,8-TeCDF				1.21	ng/kg		1.21e-06	mg/kg	1.21e-10 %		
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.15	ng/kg		<1.5e-07	mg/kg	<1.5e-11 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.14	ng/kg		<1.4e-07	mg/kg	<1.4e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<**LOD**
54		OCDF		39001-02-0		<0.21	ng/kg		<2.1e-07	mg/kg	<2.1e-11 %		<**LOD**
										Total:	0.0481 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: ATP55[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
ATP55[4]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		25 mg/kg	1.32	33.008 mg/kg	0.0033 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.4 mg/kg	1.142	2.742 mg/kg	0.000274 %		
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35 mg/kg	1.126	39.406 mg/kg	0.00394 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.5 mg/kg	1.5	8.251 mg/kg	0.000825 %		
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53 mg/kg	2.976	157.742 mg/kg	0.0158 %		
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		4.2 mg/kg	2.554	10.726 mg/kg	0.00107 %		
12	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		81 mg/kg	2.469	200.013 mg/kg	0.02 %		
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	pH			PH		8.5 pH		8.5 pH	8.5 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		2,3,7,8-TeCDD				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
			217-122-7	1746-01-6									
41		1,2,3,7,8-PeCDD				<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<LOD
				40321-76-4									
42		1,2,3,4,7,8-HxCDD				<0.29	ng/kg		<2.9e-07	mg/kg	<2.9e-11 %		<LOD
				39227-28-6									
43		1,2,3,7,8,9-HxCDD				<0.32	ng/kg		<3.2e-07	mg/kg	<3.2e-11 %		<LOD
				19408-74-3									
44		1,2,3,4,6,7,8-HpCDD				<0.25	ng/kg		<2.5e-07	mg/kg	<2.5e-11 %		<LOD
				35822-46-9									
45		OCDD				<0.78	ng/kg		<7.8e-07	mg/kg	<7.8e-11 %		<LOD
				3268-87-9									
46		2,3,7,8-TeCDF				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				51207-31-9									
47		1,2,3,7,8-PeCDF				<0.08	ng/kg		<8.0e-08	mg/kg	<8.0e-12 %		<LOD
				57117-41-6									
48		2,3,4,7,8-PeCDF				<0.07	ng/kg		<7.0e-08	mg/kg	<7.0e-12 %		<LOD
				57117-31-4									
49		1,2,3,4,7,8-HxCDF				<0.17	ng/kg		<1.7e-07	mg/kg	<1.7e-11 %		<LOD
				70648-26-9									
50		1,2,3,6,7,8-HxCDF				<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<LOD
				57117-44-9									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
51		1,2,3,7,8,9-HxCDF		72918-21-9		<0.19	ng/kg		<1.9e-07	mg/kg	<1.9e-11 %		<**LOD**
52		2,3,4,6,7,8-HxCDF		60851-34-5		<0.16	ng/kg		<1.6e-07	mg/kg	<1.6e-11 %		<**LOD**
53		1,2,3,4,7,8,9-HpCDF		55673-89-7		<0.12	ng/kg		<1.2e-07	mg/kg	<1.2e-11 %		<**LOD**
54		OCDF		39001-02-0		<0.45	ng/kg		<4.5e-07	mg/kg	<4.5e-11 %		<**LOD**
										Total:	0.0504 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH110

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
NBH110
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.7 pH)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.45 mg/kg	1.142	0.514 mg/kg	0.0000514 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15 mg/kg	1.126	16.888 mg/kg	0.00169 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14 mg/kg	1.56	21.837 mg/kg	0.0014 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<	1.353	<	<		**ND**
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		20 mg/kg	2.976	59.525 mg/kg	0.00595 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		39 mg/kg	2.469	96.303 mg/kg	0.00963 %		
11	TPH (C6 to C40) petroleum group			TPH		321 mg/kg		321 mg/kg	0.0321 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
17		pH				11.7	pH		11.7	pH	11.7 pH		
				PH									
18		naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
19		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0546 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0321%)

Classification of sample: NBH222

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
NBH222	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.615%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.615%)

Hazard properties (substances considered hazardous until shown otherwise)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.615%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.1 mg/kg	1.197	<0.12 mg/kg	<0.000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.52 mg/kg	1.142	0.594 mg/kg	0.0000594 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	47 mg/kg	1.56	73.311 mg/kg	0.0047 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		49	mg/kg	2.469	120.996	mg/kg	0.0121 %		
11		TPH (C6 to C40) petroleum group			TPH		6151.2	mg/kg		6151.2	mg/kg	0.615 %		
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
17		pH			PH		9.5	pH		9.5	pH	9.5 pH		
18		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		acenaphthylene		205-917-1	208-96-8		1.3	mg/kg		1.3	mg/kg	0.00013 %		
20		acenaphthene		201-469-6	83-32-9		1.2	mg/kg		1.2	mg/kg	0.00012 %		
21		fluorene		201-695-5	86-73-7		0.88	mg/kg		0.88	mg/kg	0.000088 %		
22		phenanthrene		201-581-5	85-01-8		15	mg/kg		15	mg/kg	0.0015 %		
23		anthracene		204-371-1	120-12-7		4.1	mg/kg		4.1	mg/kg	0.00041 %		
24		fluoranthene		205-912-4	206-44-0		26	mg/kg		26	mg/kg	0.0026 %		
25		pyrene		204-927-3	129-00-0		33	mg/kg		33	mg/kg	0.0033 %		
26		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		21	mg/kg		21	mg/kg	0.0021 %		
27		chrysene	601-048-00-0	205-923-4	218-01-9		22	mg/kg		22	mg/kg	0.0022 %		
28		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		32	mg/kg		32	mg/kg	0.0032 %		
29		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		10	mg/kg		10	mg/kg	0.001 %		
30		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		33	mg/kg		33	mg/kg	0.0033 %		
31		indeno[123-cd]pyrene		205-893-2	193-39-5		9.8	mg/kg		9.8	mg/kg	0.00098 %		
32		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		3.4	mg/kg		3.4	mg/kg	0.00034 %		
33		benzo[ghi]perylene		205-883-8	191-24-2		10	mg/kg		10	mg/kg	0.001 %		
34		phenol	604-001-00-2	203-632-7	108-95-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
35		tetrachloroethylene	602-028-00-4	204-825-9	127-18-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
37		trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.668 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH222[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH222[2]
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.7 mg/kg	1.197	4.429 mg/kg	0.000443 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		34 mg/kg	1.32	44.891 mg/kg	0.00449 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		81 mg/kg	1.126	91.197 mg/kg	0.00912 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	750 mg/kg	1.56	1169.861 mg/kg	0.075 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.1 mg/kg	1.353	2.842 mg/kg	0.000284 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		190 mg/kg	2.469	469.166 mg/kg	0.0469 %		
11	TPH (C6 to C40) petroleum group			TPH		106 mg/kg		106 mg/kg	0.0106 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
17	pH			PH		8 pH		8 pH	8pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			205-917-1	208-96-8									
20		acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-469-6	83-32-9									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-695-5	86-73-7									
22		phenanthrene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
			201-581-5	85-01-8									
23		anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			204-371-1	120-12-7									
24		fluoranthene				5.3	mg/kg		5.3	mg/kg	0.00053 %		
			205-912-4	206-44-0									
25		pyrene				4.1	mg/kg		4.1	mg/kg	0.00041 %		
			204-927-3	129-00-0									
26		benzo[a]anthracene				3	mg/kg		3	mg/kg	0.0003 %		
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				3	mg/kg		3	mg/kg	0.0003 %		
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				4.2	mg/kg		4.2	mg/kg	0.00042 %		
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				2.9	mg/kg		2.9	mg/kg	0.00029 %		
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.167 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0106%)

Classification of sample: NBH222[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH222[3]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2	mg/kg	1.197	2.634	mg/kg	0.000263 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16	mg/kg	1.32	21.125	mg/kg	0.00211 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		4.5	mg/kg	1.142	5.14	mg/kg	0.000514 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		41	mg/kg	1.126	46.161	mg/kg	0.00462 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	42	mg/kg	1.56	65.512	mg/kg	0.0042 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.17	mg/kg	1.353	0.23	mg/kg	0.000023 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.8	mg/kg	1.5	5.701	mg/kg	0.00057 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		78	mg/kg	2.976	232.149	mg/kg	0.0232 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.89	mg/kg	2.554	2.273	mg/kg	0.000227 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		95	mg/kg	2.469	234.583	mg/kg	0.0235 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
16		pH			PH		8.1	pH		8.1	pH	8.1 pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
18		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-469-6	83-32-9									
20	●	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
21	●	phenanthrene				0.44	mg/kg		0.44	mg/kg	0.000044 %		
			201-581-5	85-01-8									
22	●	anthracene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			204-371-1	120-12-7									
23	●	fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-912-4	206-44-0									
24	●	pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0595 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH29

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH29
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<0.01 mg/kg	1.197	<0.012 mg/kg	<0.0000012 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.96 mg/kg	1.142	1.097 mg/kg	0.00011 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		38 mg/kg	1.126	42.784 mg/kg	0.00428 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	85 mg/kg	1.56	132.584 mg/kg	0.0085 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25 mg/kg	1.353	0.338 mg/kg	0.0000338 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.05 mg/kg	1.5	<0.075 mg/kg	<0.0000075 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33 mg/kg	2.976	98.217 mg/kg	0.00982 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.01 mg/kg	2.554	<0.0255 mg/kg	<0.00000255 %		<**LOD**
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		93 mg/kg	2.469	229.645 mg/kg	0.023 %		
11	TPH (C6 to C40) petroleum group			TPH		282.4 mg/kg		282.4 mg/kg	0.0282 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
13	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
14	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
17	pH			PH		9.2 pH		9.2 pH	9.2 pH		
18	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
20		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
21		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
22		phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-581-5	85-01-8									
23		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
24		fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-912-4	206-44-0									
25		pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-927-3	129-00-0									
26		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
27		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
28		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
29		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
30		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
31		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
32		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
33		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
34		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
35		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
36		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
37		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
38		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
39		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
40		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0775 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because Considered unlikely that the noted low concentrations would be flammable in soils. Threshold set at carcinogenic trigger value.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0282%)

Classification of sample: NBH30A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH30A
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		41 mg/kg	1.32	54.133 mg/kg	0.00541 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
4	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		87 mg/kg	1.126	97.952 mg/kg	0.0098 %		
5	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	350 mg/kg	1.56	545.935 mg/kg	0.035 %		
6	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.5 mg/kg	1.353	2.03 mg/kg	0.000203 %		
7	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1 mg/kg	1.5	6.151 mg/kg	0.000615 %		
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		55 mg/kg	2.976	163.695 mg/kg	0.0164 %		
9	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.75 mg/kg	2.554	1.915 mg/kg	0.000192 %		
10	zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		200 mg/kg	2.469	493.859 mg/kg	0.0494 %		
11	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
12	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
13	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
14	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
16	pH			PH		8.2 pH		8.2 pH	8.2 pH		
17	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
18	acenaphthylene		205-917-1	208-96-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19		acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-469-6	83-32-9									
20		fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			201-695-5	86-73-7									
21		phenanthrene				0.85	mg/kg		0.85	mg/kg	0.000085 %		
			201-581-5	85-01-8									
22		anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			204-371-1	120-12-7									
23		fluoranthene				0.86	mg/kg		0.86	mg/kg	0.000086 %		
			205-912-4	206-44-0									
24		pyrene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
30		indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
32		benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
39		polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.119 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: NBH31

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
NBH31
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.2	mg/kg	1.197	3.831	mg/kg	0.000383 %		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		41	mg/kg	1.32	54.133	mg/kg	0.00541 %		
3		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
4		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		92	mg/kg	1.126	103.582	mg/kg	0.0104 %		
5		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	350	mg/kg	1.56	545.935	mg/kg	0.035 %		
6		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.88	mg/kg	1.353	1.191	mg/kg	0.000119 %		
7		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.3	mg/kg	1.5	6.451	mg/kg	0.000645 %		
8		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		65	mg/kg	2.976	193.457	mg/kg	0.0193 %		
9		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.94	mg/kg	2.554	2.401	mg/kg	0.00024 %		
10		zinc { zinc sulphate }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		150	mg/kg	2.469	370.394	mg/kg	0.037 %		
11		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
12		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
13		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
16		pH			PH		8	pH		8	pH	8pH		
17		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
18		acenaphthylene		205-917-1	208-96-8		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
19	●	acenaphthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-469-6	83-32-9									
20	●	fluorene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-695-5	86-73-7									
21	●	phenanthrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			201-581-5	85-01-8									
22	●	anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			204-371-1	120-12-7									
23	●	fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-912-4	206-44-0									
24	●	pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			204-927-3	129-00-0									
25		benzo[a]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
26		chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
27		benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
28		benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
29		benzo[a]pyrene; benzo[def]chrysene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
30	●	indeno[123-cd]pyrene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-893-2	193-39-5									
31		dibenz[a,h]anthracene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
32	●	benzo[ghi]perylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
			205-883-8	191-24-2									
33		phenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
34		tetrachloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
35		carbon tetrachloride; tetrachloromethane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
36		trichloroethylene; trichloroethene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
37		vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-023-00-7	200-831-0	75-01-4									
38		hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		602-065-00-6	204-273-9	118-74-1									
39	●	polychlorobiphenyls; PCB				<0.12	mg/kg		<0.12	mg/kg	<0.000012 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.11 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

benzo[ghi]perylene (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

2,3,7,8-TeCDD (EC Number: 217-122-7, CAS Number: 1746-01-6)

Description/Comments: 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,7,8-PeCDD (CAS Number: 40321-76-4)

Description/Comments: 1,2,3,7,8-pentachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=1)

1,2,3,4,7,8-HxCDD (CAS Number: 39227-28-6)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDD (CAS Number: 19408-74-3)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,6,7,8-HpCDD (CAS Number: 35822-46-9)

Description/Comments: 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDD (CAS Number: 3268-87-9)

Description/Comments: octachlorodibenzo-p-dioxin
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

2,3,7,8-TeCDF (CAS Number: 51207-31-9)

Description/Comments: 2,3,7,8-tetrachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8-PeCDF (CAS Number: 57117-41-6)

Description/Comments: 1,2,3,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.03)

2,3,4,7,8-PeCDF (CAS Number: 57117-31-4)

Description/Comments: 2,3,4,7,8-pentachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.3)

1,2,3,4,7,8-HxCDF (CAS Number: 70648-26-9)

Description/Comments: 1,2,3,4,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,6,7,8-HxCDF (CAS Number: 57117-44-9)

Description/Comments: 1,2,3,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,7,8,9-HxCDF (CAS Number: 72918-21-9)

Description/Comments: 1,2,3,7,8,9-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

2,3,4,6,7,8-HxCDF (CAS Number: 60851-34-5)

Description/Comments: 2,3,4,6,7,8-hexachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.1)

1,2,3,4,7,8,9-HpCDF (CAS Number: 55673-89-7)

Description/Comments: 1,2,3,4,7,8,9-heptachlorodibenzofuran
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.01)

OCDF (CAS Number: 39001-02-0)

Description/Comments: octachlorodibenzo[b,d]furan
Data source: ATP1 (Regulation (EU) 756/2010) to POPs Regulation (Regulation (EC) 850/2004)
Data source date: 24 Aug 2010
Hazard Statements: PCDD/PCDF (TEF=0.0003)

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species based on hazard statements/molecular weight (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc {zinc sulphate}

Due to the low noted concentrations of chromium, it is not possible that zinc will be present as zinc chromate within soils. Zinc sulphate adopted as likely worst case compound.

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Appendix N. WAC Assessment

			Landfill Waste Acceptance Criteria Limits			Job No:	19-19770	19-20459	20-04912	20-04912	20-03832	20-03832	20-04225	20-01976	20-01976
						Sample ID:	841605	844507	970331	970332	965372	965373	967031	957417	957418
						Sample Ref:									
						Sample ID:									
						Sample Location:	NBH72	NTP02	NBH402	NBH402	NBH403	NBH404	NBH405	NBH406	NBH407
						Top Depth(m):	0.5	0.8	0.5	1	0.5	0.5	0.5	0.5	0.5
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	ESTUARY PARK & RIDE	ESTUARY PARK & RIDE	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN	ESTUARY - SEATOWN
						Geol			MG	MG	MG	MG	MG	MG	MG
						Date of Receipt:	04/06/2019	11/06/2019	28/01/2020	28/01/2020	03/02/2020	03/02/2020	05/02/2020	16/01/2020	16/01/2020
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	0.96	0.41	2.6	1.7	2	1.1	2.1	0.89	1.8
Loss On Ignition	2610	M	--	--	10	%	3.7	1.6	6	5.9	5.6	3.5	6.4	4.2	4.9
Total BTEX	2760	M	6	--	--	mg/kg	<0.010	<0.010	[B] < 0.010	[B] < 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	<0.10	<0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	<10	<10	[B] < 10	[B] < 10	< 10	< 10	< 10	51	< 10
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	<2.0	<2.0	< 2.0	< 2.0	< 2.0	< 2.0	3.7	< 2.0	< 2.0
pH	2010	M	--	>6	--	-	8	8.2	8.3	8.4	8.3	8.4	8	8.3	8.2
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.008	0.018	0.039	0.028	0.015	0.009	0.087	0.043	0.012
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	<0.050	<0.050	0.083	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Barium	1450	U	20	100	300	mg/l	<0.50	<0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	1450	U	0.04	1	5	mg/l	<0.010	<0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chromium	1450	U	0.5	10	70	mg/l	<0.050	<0.050	< 0.050	< 0.050	< 0.050	0.054	< 0.050	< 0.050	< 0.050
Copper	1450	U	2	50	100	mg/l	<0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Mercury	1450	U	0.01	0.2	2	mg/l	<0.0050	<0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	*0.016*	*0.015*
Molybdenum	1450	U	0.5	10	30	mg/l	<0.050	0.12	< 0.050	< 0.050	< 0.050	0.18	0.064	< 0.050	< 0.050
Nickel	1450	U	0.4	10	40	mg/l	<0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Lead	1450	U	0.5	10	50	mg/l	<0.010	<0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Antimony	1450	U	0.06	0.7	5	mg/l	<0.010	<0.010	< 0.010	< 0.010	< 0.010	0.01	< 0.010	< 0.010	< 0.010
Selenium	1450	U	0.1	0.5	7	mg/l	<0.010	<0.010	< 0.010	< 0.010	< 0.010	0.062	< 0.010	< 0.010	< 0.010
Zinc	1450	U	4	50	200	mg/l	<0.50	<0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloride	1220	U	800	15000	25000	mg/l	<10	17	280	68	< 10	100	< 10	20	15
Fluoride	1220	U	10	150	500	mg/l	5.5	2.7	2.1	1.9	3.7	1.9	2.2	3.7	5.7
Sulphate	1220	U	1000	20000	50000	mg/l	27	46	86	27	< 10	180	42	< 10	37
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	1400	700	1400	480	860	790	1300	840	900
Phenol Index	1920	U	1	-	-	mg/l	<0.50	<0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	64	<50	< 50	< 50	140	97	95	120	140

			Landfill Waste Acceptance Criteria Limits			Job No:	20-01692	20-06696	19-09831	19-10642	19-24178	19-25325	19-12244	19-09831	19-13676
						Sample ID:	956218	979136	796745	800883	860001	864775	807741	796748	814681
						Sample Ref:		3	1	2				2	1
						Sample ID:									
						Sample Location:	NBH408	NBH403	BH30	NBH05	NBH60	NBH61	NBH08	BH31	NBH12
						Top Depth(m):	0.5	7.3	0.5	0.5	1	1	0.3	1	0.1
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	ESTUARY - SEATOWN	ESTUARY - SEATOWN	M50 VIADUCT	SOUTH PORTAL	DUBLIN AIRPORT	DUBLIN AIRPORT	DARDISTOWN DEPOT	DARDISTOWN DPT <250	NORTHWOOD C/C&C
						Geol	MG								
						Date of Receipt:	14/01/2020	28/02/2020	14/03/2019	21/03/2019	16/07/2019	27/07/2019	04/04/2019	14/03/2019	17/04/2019
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	0.48	1.1	**8.1**	1.6	1.4	1.1	*4.1*	**9.4**	*3.1*
Loss On Ignition	2610	M	--	--	10	%	2.3	1.6	7.4	4.4	5.4	1.6	3.8	8.1	6.1
Total BTEX	2760	M	6	--	--	mg/kg	< 0.010	0.023	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	< 0.10	< 0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	< 10	< 10	<10	<10	<10	32	83	<10	<10
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	< 2.0	< 2.0	2.8	<2.0	<2.0	20	7.3	3.5	<2.0
pH	2010	M	--	>6	--	-	8.8	9	8.2	8.2	7.9	8.6	8.3	8	8.3
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.11	0.077	0.057	0.073	0.02	0.13	0.02	0.014	0.046
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	< 0.050	< 0.050	0.066	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Barium	1450	U	20	100	300	mg/l	< 0.50	0.84	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Cadmium	1450	U	0.04	1	5	mg/l	< 0.010	< 0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Chromium	1450	U	0.5	10	70	mg/l	< 0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Copper	1450	U	2	50	100	mg/l	< 0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Mercury	1450	U	0.01	0.2	2	mg/l	*0.013*	< 0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	0.094	< 0.050	<0.050	0.13	0.072	0.14	<0.050	0.061	<0.050
Nickel	1450	U	0.4	10	40	mg/l	< 0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Lead	1450	U	0.5	10	50	mg/l	< 0.010	< 0.010	0.03	<0.010	<0.010	<0.010	0.015	<0.010	<0.010
Antimony	1450	U	0.06	0.7	5	mg/l	< 0.010	0.025	<0.010	<0.010	0.036	<0.010	0.026	0.018	<0.010
Selenium	1450	U	0.1	0.5	7	mg/l	< 0.010	0.063	<0.010	<0.010	<0.010	0.014	<0.010	<0.010	0.013
Zinc	1450	U	4	50	200	mg/l	< 0.50	< 0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Chloride	1220	U	800	15000	25000	mg/l	< 10	17	33	32	690	73	83	33	86
Fluoride	1220	U	10	150	500	mg/l	2.6	3.1	4.3	2.9	3.1	4	3.1	6.7	3.2
Sulphate	1220	U	1000	20000	50000	mg/l	29	520	52	32	620	160	230	110	98
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	770	1500	570	740	1700	1000	1200	590	1800
Phenol Index	1920	U	1	-	-	mg/l	< 0.50	< 0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	67	82	<50	140	140	80	70	<50	170

			Landfill Waste Acceptance Criteria Limits			Job No:	19-31608	19-13676	19-20459	19-21000	19-33890	19-32088	19-33109	19-39806	19-33086
						Sample ID:	892193	814682	844509	846979	903237	894571	899381	933783	899264
						Sample Ref:		1							
						Sample ID:									
						Sample Location:	NBH202	NBH80	NBH73	NBH101	NBH204	NBH207	NBH206	NBH208	NBH211
						Top Depth(m):	0.5	0.3	0.5	1	0.4	0.5	0.5	0.5	0.5
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	NORTHWOOD C/C&C	NORTHWOOD TNL <250	NORTHWOOD TUNNEL	BALLYMUN STN <250	BALLYMUN STN <250	COLLINS AVE STATION	COLLINS AVE STATION	ALBERT COLLEGE PARK	GRIFFITH PRK STATION
						Geol									
						Date of Receipt:	17/09/2019	17/04/2019	11/06/2019	18/06/2019	07/10/2019	23/09/2019	26/09/2019	25/11/2019	30/09/2019
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	0.59	1.4	1.9	0.99	0.2	1.2	0.31	0.56	*3.2*
Loss On Ignition	2610	M	--	--	10	%	4.3	3.1	5.7	3.3	1.4	3.4	7.7	2.5	7.9
Total BTEX	2760	M	6	--	--	mg/kg	< 0.010	<0.010	<0.010	<0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	< 0.10	<0.10	<0.10	<0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	< 10	<10	<10	*3400*	< 10	< 10	48	< 10	< 10
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	< 2.0	<2.0	<2.0	<2.0	< 2.0	< 2.0	62	< 2.0	4.6
pH	2010	M	--	>6	--	-	8.3	8.2	8.2	8.8	11.8	11.3	8.1	8.6	7.8
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.03	0.11	0.019	0.046	0.13	0.22	0.041	0.099	0.044
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	< 0.050	<0.050	<0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Barium	1450	U	20	100	300	mg/l	< 0.50	<0.50	<0.50	<0.50	1.7	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	1450	U	0.04	1	5	mg/l	< 0.010	<0.010	<0.010	<0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chromium	1450	U	0.5	10	70	mg/l	< 0.050	<0.050	<0.050	<0.050	0.34	0.12	< 0.050	< 0.050	< 0.050
Copper	1450	U	2	50	100	mg/l	< 0.050	<0.050	<0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Mercury	1450	U	0.01	0.2	2	mg/l	< 0.0050	<0.0050	<0.0050	<0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	< 0.050	0.089	0.091	0.15	0.095	0.11	0.12	0.084	0.087
Nickel	1450	U	0.4	10	40	mg/l	< 0.050	<0.050	<0.050	<0.050	< 0.050	0.06	< 0.050	< 0.050	< 0.050
Lead	1450	U	0.5	10	50	mg/l	< 0.010	<0.010	<0.010	<0.010	< 0.010	< 0.010	0.017	< 0.010	< 0.010
Antimony	1450	U	0.06	0.7	5	mg/l	< 0.010	<0.010	<0.010	<0.010	< 0.010	< 0.010	0.021	< 0.010	0.023
Selenium	1450	U	0.1	0.5	7	mg/l	< 0.010	0.012	<0.010	0.023	< 0.010	0.019	0.013	< 0.010	< 0.010
Zinc	1450	U	4	50	200	mg/l	< 0.50	<0.50	<0.50	<0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloride	1220	U	800	15000	25000	mg/l	23	38	<10	12	130	52	30	< 10	25
Fluoride	1220	U	10	150	500	mg/l	5.8	3.3	4.4	4.8	2.7	8.7	*15*	4.8	3.9
Sulphate	1220	U	1000	20000	50000	mg/l	30	520	<10	150	150	250	37	< 10	34
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	770	1300	1300	900	*11000*	1200	1000	680	940
Phenol Index	1920	U	1	-	-	mg/l	< 0.50	<0.50	<0.50	<0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	77	180	<50	96	< 50	130	69	110	68

			Landfill Waste Acceptance Criteria Limits			Job No:	19-41262	19-14363		20-13346	20-13346	20-13406	20-16738	20-16738	20-16871
						Sample ID:	940700	817375	16-18	1009421	1009422	1009674	1025174	1025175	1025609
						Sample Ref:									
						Sample ID:									
						Sample Location:	NBH223	NBH17	BH04 (GII)	GBH01	GBH04	GBH02	GTP22	GTP24	GTP25
						Top Depth(m):	0.5	1	1.5	0.5	1	2	0.5	1	0.5
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	GRIFFITH PRK STATION	GRIFFITH PRK STATION	GRIFFITH PARK <250	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
						Geol									
						Date of Receipt:	03/12/2019	23/04/2019	26/01/2018	18/05/2020	18/05/2020	21/05/2020	29/06/2020	29/06/2020	30/06/2020
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	0.24	1.7	0.88	4.4	5.2	0.57	7.8	3.3	3.7
Loss On Ignition	2610	M	--	--	10	%	1.8	5	-	7.2	7.2	3.3	13	6.1	8.3
Total BTEX	2760	M	6	--	--	mg/kg	< 0.010	<0.010	<0.025	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	< 0.10	<0.10	<0.035	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	< 10	<10	<30	44	< 10	< 10	< 10	< 10	250
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	< 2.0	<2.0	5.45	44	< 2.0	< 2.0	3.4	31	46
pH	2010	M	--	>6	--	-	8.8	8.4	-	8.5	8.3	8.6	8.4	8.6	8.3
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.058	0.01	-	0.12	0.1	0.028	0.024	0.052	0.029
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	< 0.050	<0.050	-	0.15	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Barium	1450	U	20	100	300	mg/l	< 0.50	<0.50	-	< 0.50	< 0.50	< 0.50	0.65	< 0.50	< 0.50
Cadmium	1450	U	0.04	1	5	mg/l	< 0.010	<0.010	-	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chromium	1450	U	0.5	10	70	mg/l	< 0.050	<0.050	-	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Copper	1450	U	2	50	100	mg/l	< 0.050	<0.050	-	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Mercury	1450	U	0.01	0.2	2	mg/l	0.0056	<0.0050	-	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	0.36	<0.050	-	0.12	0.4	0.16	0.1	0.29	0.06
Nickel	1450	U	0.4	10	40	mg/l	< 0.050	<0.050	-	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Lead	1450	U	0.5	10	50	mg/l	< 0.010	<0.010	-	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Antimony	1450	U	0.06	0.7	5	mg/l	< 0.010	<0.010	-	0.024	0.017	< 0.010	0.016	< 0.010	< 0.010
Selenium	1450	U	0.1	0.5	7	mg/l	0.016	<0.010	-	< 0.010	< 0.010	< 0.010	0.015	< 0.010	0.018
Zinc	1450	U	4	50	200	mg/l	< 0.50	<0.50	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloride	1220	U	800	15000	25000	mg/l	20	15	-	27	< 10	< 10	11	24	77
Fluoride	1220	U	10	150	500	mg/l	2.2	2.3	-	1.4	2.4	3.9	1.6	2.5	1.9
Sulphate	1220	U	1000	20000	50000	mg/l	11	38	-	71	< 10	53	59	94	230
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	610	910	-	850	830	920	1400	1200	1800
Phenol Index	1920	U	1	-	-	mg/l	< 0.50	<0.50	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	< 50	130	-	55	56	< 50	< 50	< 50	87

			Landfill Waste Acceptance Criteria Limits			Job No:	20-16871	20-16871	20-17327	20-17327	20-17123	20-17123	20-17106	20-17446	20-17452
						Sample ID:	1025611	1025616	1028068	1028069	1027016	1027017	1026957	1028563	1028586
						Sample Ref:									
						Sample ID:									
						Sample Location:	GBH30	GBH32	GBH18	GBH19	GTP23	GTP20	GBH29	GBH12	GBH15
						Top Depth(m):	0.5	1	1	2	1	0.5	1.8	1.2	2
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION
						Geol	1.2	2							
						Date of Receipt:	30/06/2020	30/06/2020	01/07/2020	01/07/2020	01/07/2020	01/07/2020	02/07/2020	03/07/2020	04/07/2020
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	0.43	1.9	0.55	0.46	*4.2*	2.7	0.52	0.46	1.3
Loss On Ignition	2610	M	--	--	10	%	2.6	6.8	0.56	1.5	6.4	5.2	1.7	1.8	1.9
Total BTEX	2760	M	6	--	--	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	< 10	< 10	< 10	< 10	18	< 10	< 10	< 10	< 10
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
pH	2010	M	--	>6	--	-	8.5	8	8.5	8.3	8.5	9.3	8.2	9	8.6
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.12	0.054	0.14	0.1	0.087	0.11	0.13	0.12	0.05
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Barium	1450	U	20	100	300	mg/l	< 0.50	0.6	0.62	< 0.50	< 0.50	< 0.50	0.67	< 0.50	< 0.50
Cadmium	1450	U	0.04	1	5	mg/l	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chromium	1450	U	0.5	10	70	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Copper	1450	U	2	50	100	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Mercury	1450	U	0.01	0.2	2	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	0.095	0.16	0.11	0.13	0.08	0.093	0.2	0.17	0.15
Nickel	1450	U	0.4	10	40	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	*1.3*	*0.53*	< 0.050	< 0.050	< 0.050
Lead	1450	U	0.5	10	50	mg/l	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Antimony	1450	U	0.06	0.7	5	mg/l	< 0.010	0.034	0.014	0.011	< 0.010	< 0.010	0.025	0.021	< 0.010
Selenium	1450	U	0.1	0.5	7	mg/l	< 0.010	0.017	0.076	1.2	< 0.010	< 0.010	*0.27*	*0.17*	< 0.010
Zinc	1450	U	4	50	200	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	0.76	< 0.50	< 0.50	< 0.50	< 0.50
Chloride	1220	U	800	15000	25000	mg/l	< 10	< 10	59	< 10	54	29	21	28	24
Fluoride	1220	U	10	150	500	mg/l	1.4	1.7	2	3	3.6	2.7	3	3.9	2.4
Sulphate	1220	U	1000	20000	50000	mg/l	< 10	110	270	360	78	36	850	740	140
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	940	1200	1500	1700	2000	1700	1200	2300	1500
Phenol Index	1920	U	1	-	-	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	< 50	64	< 50	53	57	60	< 50	200	150

			Landfill Waste Acceptance Criteria Limits			Job No:	20-17579	20-17539	20-17539	20-17824	20-17903	20-18162	20-19102	20-19102	20-20300
						Sample ID:	1029119	1028933	1028934	1030365	1030836	1032232	1036704	1036705	1042771
						Sample Ref:				1					
						Sample ID:									1
						Sample Location:	TPCC12	GTP07	GTP09	GTP04	GTP04	GBH05	GTP12	GTP16	GBH13
						Top Depth(m):	0.4	1	0.5	0.5	1	1.2	0.5	0.4	0.5
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STN <250	GLASNEVIN STATION
						Geol									
						Date of Receipt:	04/07/2020	06/07/2020	06/07/2020	07/07/2020	07/07/2020	09/07/2020	20/07/2020	20/07/2020	27/07/2020
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	1.1	0.83	0.48	2.2	1.5	6.4	0.84	0.61	2
Loss On Ignition	2610	M	--	--	10	%	2.3	2.8	2.1	4.3	3.4	6.6	3	1.7	5.5
Total BTEX	2760	M	6	--	--	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	< 10	< 10	< 10	< 10	< 10	*830*	< 10	< 10	< 10
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	*110*	5	< 2.0	< 2.0
pH	2010	M	--	>6	--	-	8.3	8.3	8.3	8.3	8.7	8.4	8.7	8.6	8.3
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.051	0.24	0.065	0.025	0.14	0.13	0.082	0.057	0.032
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Barium	1450	U	20	100	300	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.83	< 0.50
Cadmium	1450	U	0.04	1	5	mg/l	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chromium	1450	U	0.5	10	70	mg/l	< 0.050	< 0.050	< 0.050	0.051	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Copper	1450	U	2	50	100	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Mercury	1450	U	0.01	0.2	2	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	0.16	0.085	< 0.050	0.089	0.17	0.079	0.073	< 0.050	0.12
Nickel	1450	U	0.4	10	40	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.065	< 0.050	< 0.050
Lead	1450	U	0.5	10	50	mg/l	< 0.010	< 0.010	< 0.010	< 0.010	0.032	< 0.010	< 0.010	< 0.010	0.046
Antimony	1450	U	0.06	0.7	5	mg/l	0.012	< 0.010	< 0.010	< 0.010	< 0.010	0.018	< 0.010	0.015	< 0.010
Selenium	1450	U	0.1	0.5	7	mg/l	*0.1*	< 0.010	0.013	0.012	0.018	< 0.010	0.012	< 0.010	0.024
Zinc	1450	U	4	50	200	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloride	1220	U	800	15000	25000	mg/l	30	< 10	53	< 10	16	< 10	< 10	23	62
Fluoride	1220	U	10	150	500	mg/l	2.2	3.4	2.2	2.8	2.6	2.3	2	2.5	4.2
Sulphate	1220	U	1000	20000	50000	mg/l	310	50	28	64	46	81	30	69	140
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	1700	1300	1300	1800	1600	1500	1400	1600	1900
Phenol Index	1920	U	1	-	-	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	< 50	160	190	160	150	< 50	300	260	< 50

			Landfill Waste Acceptance Criteria Limits			Job No:	19-16219	19-16996		19-1580	20-13353	20-13353	20-15031	20-15031	19-14904
						Sample ID:	825658	829215	4-6	823555	1009460	1009461	1017216	1017218	819790
						Sample Ref:									
						Sample ID:									
						Sample Location:	NBH20	NBH19	BH02A	NBH18	GBH06	GBH09	GBH11	GBH11	NBH21
						Top Depth(m):	0.3	0.3	1	0.5	0.5	0.5	2	4	1
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	GLASNEVIN STATION	GLASNEVIN STATION	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	GLASNEVIN STN <250	MATER STATION
						Geol									
						Date of Receipt:	09/05/2019	13/05/2019	05/02/2018	08/05/2019	22/05/2020	22/05/2020	10/06/2020	10/06/2020	30/04/2019
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	0.42	7.5	1.17	2.5	0.83	2.9	0.34	0.46	2.7
Loss On Ignition	2610	M	--	--	10	%	2.1	8.4	-	4.2	2.4	6	3.7	2.6	5.4
Total BTEX	2760	M	6	--	--	mg/kg	<0.010	<0.010	<0.025	<0.010	< 0.010	< 0.010	< 0.010	< 0.010	<0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	<0.10	<0.10	<0.035	<0.10	< 0.10	< 0.10	< 0.10	< 0.10	<0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	<10	65	<30	24	< 10	< 10	< 10	< 10	39
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	<2.0	*370*	<0.64	<2.0	< 2.0	< 2.0	< 2.0	< 2.0	<2.0
pH	2010	M	--	>6	--	-	8.7	8.2	-	8.2	8.7	8.4	9.4	8.5	8.5
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.016	0.023	-	0.011	0.042	0.011	0.022	0.024	0.089
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	0.081	<0.050	-	0.069	< 0.050	< 0.050	< 0.050	< 0.050	<0.050
Barium	1450	U	20	100	300	mg/l	<0.50	<0.50	-	<0.50	< 0.50	< 0.50	< 0.50	0.86	<0.50
Cadmium	1450	U	0.04	1	5	mg/l	<0.010	<0.010	-	<0.010	< 0.010	< 0.010	< 0.010	< 0.010	<0.010
Chromium	1450	U	0.5	10	70	mg/l	<0.050	<0.050	-	0.073	< 0.050	< 0.050	< 0.050	< 0.050	<0.050
Copper	1450	U	2	50	100	mg/l	<0.050	<0.050	-	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050
Mercury	1450	U	0.01	0.2	2	mg/l	<0.0050	<0.0050	-	<0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	<0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	<0.050	*0.56*	-	0.48	0.23	0.1	0.12	0.14	0.061
Nickel	1450	U	0.4	10	40	mg/l	<0.050	<0.050	-	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050
Lead	1450	U	0.5	10	50	mg/l	<0.010	<0.010	-	<0.010	< 0.010	< 0.010	< 0.010	< 0.010	<0.010
Antimony	1450	U	0.06	0.7	5	mg/l	<0.010	0.025	-	0.021	0.011	< 0.010	< 0.010	0.017	<0.010
Selenium	1450	U	0.1	0.5	7	mg/l	<0.010	0.017	-	<0.010	< 0.010	< 0.010	< 0.010	*0.22*	<0.010
Zinc	1450	U	4	50	200	mg/l	<0.050	<0.50	-	<0.50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50
Chloride	1220	U	800	15000	25000	mg/l	<10	29	-	12	< 10	< 10	< 10	38	250
Fluoride	1220	U	10	150	500	mg/l	1.7	2.7	-	3.7	8.1	4.6	3.1	3.1	1.8
Sulphate	1220	U	1000	20000	50000	mg/l	77	770	-	22	13	22	94	750	70
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	710	2500	-	870	790	930	920	2100	1400
Phenol Index	1920	U	1	-	-	mg/l	<0.50	<0.50	-	<0.50	< 0.50	< 0.50	*1.5*	< 0.50	<0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	170	130	-	54	< 50	< 50	< 50	< 50	<50

			Landfill Waste Acceptance Criteria Limits			Job No:	19-37071	19-37071	19-38994	19-36279	19-37071	19-18126	19-17507	19-18126	19-37466
						Sample ID:	919293	919294	929362	914827	919280	834233	831453	834233	921141
						Sample Ref:									
						Sample ID:									
						Sample Location:	NBH216A	NBH216A	NBH215	NBH217	NBH214	NBH24	NBH22	NBH24	NBH304
						Top Depth(m):	0.25	0.6	0.5	0.6	0.5	1	0.7	1	0.5
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	MATER STATION	MATER STATION	MATER STATION	MATER STATION <250	MATER STATION <250	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION	O'CONNELL ST STATION
						Geol									
						Date of Receipt:	30/10/2019	30/10/2019	12/11/2019	22/10/2019	01/11/2019	23/05/2019	20/05/2019	23/05/2019	05/11/2019
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	8	1.9	1.4	1.1	2.7	*3.5*	0.79	*3.5*	0.65
Loss On Ignition	2610	M	--	--	10	%	11	4.4	4.3	4.1	6.6	4.7	2.5	0.7	3.5
Total BTEX	2760	M	6	--	--	mg/kg	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	<0.010	<0.010	<0.010	< 0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	<0.10	<0.10	<0.10	< 0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	*11000*	< 10	95	< 10	*4400*	20	54	20	*600*
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	*5700*	56	*110*	28	*2000*	<2.0	<2.0	<2.0	2.2
pH	2010	M	--	>6	--	-	8.7	8.6	9.4	8.9	9.8	8.4	11.4	8.4	10.8
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.047	0.067	0.059	0.11	0.081	0.061	0.056	0.061	0.18
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	0.079	< 0.050	0.11	0.06	0.094	0.072	<0.050	0.072	< 0.050
Barium	1450	U	20	100	300	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50	<0.50	<0.50	< 0.50
Cadmium	1450	U	0.04	1	5	mg/l	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	<0.010	<0.010	<0.010	< 0.010
Chromium	1450	U	0.5	10	70	mg/l	< 0.050	< 0.050	< 0.050	0.074	< 0.050	<0.050	0.35	<0.050	< 0.050
Copper	1450	U	2	50	100	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	<0.050	<0.050	< 0.050
Mercury	1450	U	0.01	0.2	2	mg/l	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	<0.0050	<0.0050	<0.0050	< 0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	< 0.050	0.12	*0.51*	0.19	0.25	0.14	<0.050	0.14	< 0.050
Nickel	1450	U	0.4	10	40	mg/l	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	<0.050	<0.050	< 0.050
Lead	1450	U	0.5	10	50	mg/l	0.018	< 0.010	< 0.010	< 0.010	< 0.010	<0.010	<0.010	<0.010	< 0.010
Antimony	1450	U	0.06	0.7	5	mg/l	< 0.010	0.012	< 0.010	0.011	0.02	0.014	<0.010	0.014	0.01
Selenium	1450	U	0.1	0.5	7	mg/l	< 0.010	< 0.010	0.08	0.014	< 0.010	0.015	<0.010	0.015	< 0.010
Zinc	1450	U	4	50	200	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50	<0.50	<0.50	< 0.50
Chloride	1220	U	800	15000	25000	mg/l	32	27	130	150	32	24	49	24	< 10
Fluoride	1220	U	10	150	500	mg/l	1.9	3.4	4.1	2.6	5.4	1.3	3	1.3	1.9
Sulphate	1220	U	1000	20000	50000	mg/l	21	27	250	260	240	360	420	360	*1600*
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	570	770	1100	1200	970	1300	*7100*	1300	3000
Phenol Index	1920	U	1	-	-	mg/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	<0.50	<0.50	<0.50	< 0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	310	160	110	110	280	55			93

			Landfill Waste Acceptance Criteria Limits			Job No:	19-17507	19-18921	19-20459	19-24835	19-26619	19-26619	19-41256	19-41256	19-39300
						Sample ID:	831454	837860	844508	862765	870142	870144	940684	940685	930802
						Sample Ref:									
						Sample ID:									
						Sample Location:	NBH23	NBH26C	NBH25	NBH26C	NBH27	NBH64	NBH219	NBH219B	NBH220
						Top Depth(m):	0.5	1	1.2	1	1	1	0.5	0.5	0.5
						Area	O'CONNELL ST <250	TARA STATION	TARA STATION	TARA STATION	TARA STATION	TARA STATION	ST STEPHEN'S GREEN	ST STEPHEN'S GREEN	ST STEPHEN'S <250
						Geol									
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Date of Receipt:	20/05/2019	29/05/2019	11/06/2019	03/07/2019	06/08/2019	06/08/2019	11/11/2019	12/11/2019	19/11/2019
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	1.6	2.5	8.1	5.2	15	8.8	2.3	2.5	2.3
Loss On Ignition	2610	M	--	--	10	%	3.7	8.9	15	9.6	17	12	3.5	4.1	4.4
Total BTEX	2760	M	6	--	--	mg/kg	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	[B] < 0.010	[B] < 0.010	< 0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	< 0.10	< 0.10	< 0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	420	100	35	<10	<10	<10	*1900*	*1500*	62
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	*350*	17	<2.0	<2.0	<2.0	<2.0	< 2.0	*540*	3.2
pH	2010	M	--	>6	--	-	9.7	8.3	8.5	8.2	8	8.1	9.3	9.4	8.8
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.058	0.008	0.055	0.032	0.05	0.12	0.031	0.061	0.048
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	<0.050	<0.050	<0.050	0.1	<0.050	0.22	0.14	0.1	0.073
Barium	1450	U	20	100	300	mg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	< 0.50	< 0.50
Cadmium	1450	U	0.04	1	5	mg/l	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	< 0.010	< 0.010	< 0.010
Chromium	1450	U	0.5	10	70	mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	< 0.050	< 0.050
Copper	1450	U	2	50	100	mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	< 0.050	< 0.050
Mercury	1450	U	0.01	0.2	2	mg/l	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	< 0.0050	< 0.0050	< 0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	0.074	0.31	0.33	0.34	0.22	0.15	0.45	0.32	0.26
Nickel	1450	U	0.4	10	40	mg/l	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	< 0.050	< 0.050
Lead	1450	U	0.5	10	50	mg/l	<0.010	0.028	<0.010	<0.010	0.019	0.014	0.014	0.087	0.021
Antimony	1450	U	0.06	0.7	5	mg/l	0.032	0.018	0.014	0.017	0.039	0.043	0.016	0.033	0.011
Selenium	1450	U	0.1	0.5	7	mg/l	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.018	< 0.010	< 0.010
Zinc	1450	U	4	50	200	mg/l	<0.50	<0.50	<0.50	<0.50	<.50	<0.50	< 0.50	< 0.50	< 0.50
Chloride	1220	U	800	15000	25000	mg/l	25	240	16	<10	210	51	46	41	90
Fluoride	1220	U	10	150	500	mg/l	4.9	1.8	1.3	1.5	2	1.6	2.6	2.5	2.8
Sulphate	1220	U	1000	20000	50000	mg/l	*2200*	370	340	360	160	120	180	140	110
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	3100	1600	1600	1100	1200	110	840	740	1000
Phenol Index	1920	U	1	-	-	mg/l	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	< 0.50	< 0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l		130	<50	51	63	64	83	65	110

			Landfill Waste Acceptance Criteria Limits			Job No:	19-24825	19-23700	19-11846	19-25539	20-01356	19-19770	19-13522	19-21834	19-25824
						Sample ID:	862737	857924	805937	865594	954498	841606	813876	850424	866899
						Sample Ref:			1				2		
						Sample ID:									
						Sample Location:	NBH106	NBH107	NBH29	NBH110	NBH222	NBH89	NBH108	NBH103	NBH111
						Top Depth(m):	1	0.5	0.5	0.5	0.3	0.5	0.7	0.5	1
						Area	ST STEPHEN'S <250	ST STEPHEN'S <250	CHARLEMONT STATION	CHARLEMONT STN <250	CHARLEMONT STN <250	OUTSIDE RLB	OUTSIDE RLB	OUTSIDE RLB	OUTSIDE RLB
						Geol		10/7/19							
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Date of Receipt:	08/07/2019	10/07/2019	29/03/2019	23/07/2019	06/01/2020	04/06/2019	16/04/2019	25/06/2019	29/08/2019
Determinand	**SOP**	**Accred.**				**Unit**									
Total Organic Carbon	2625	M	3	5	6	%	1.4	1.8	0.95	2.8	*3.8*	0.8	1.2	0.52	1.4
Loss On Ignition	2610	M	--	--	10	%	3.4	2.6	2.2	1.5	4.2	2.7	3.7	1.7	3
Total BTEX	2760	M	6	--	--	mg/kg	<0.010	<0.010	<0.010	<0.010	< 0.010	<0.010	<0.010	<0.010	<0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	<0.10	<0.10	<0.10	<0.10	< 0.10	<0.10	<0.10	<0.10	<0.010
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	<10	67	280	<10	*5200*	<10	<10	82	<10
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	<1.0	<2.0	<2.0	<2.0	*170*	<2.0	<2.0	<2.0	*140*
pH	2010	M	--	>6	--	-	8.6	11.7	9.2	11.5	9.8	10.9	8.2	8.7	8.1
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.25	0.064	0.032	0.048	0.097	0.17	0.012	0.015	0.095
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**												
Arsenic	1450	U	0.5	2	25	mg/l	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050
Barium	1450	U	20	100	300	mg/l	<0.50	<0.50	<0.50	1.2	< 0.50	<0.50	<0.50	<0.50	<0.50
Cadmium	1450	U	0.04	1	5	mg/l	<0.010	<0.010	<0.010	<0.010	< 0.010	<0.010	<0.010	<0.010	<0.010
Chromium	1450	U	0.5	10	70	mg/l	<0.050	<0.050	<0.050	0.4	< 0.050	0.062	<0.050	0.07	<0.050
Copper	1450	U	2	50	100	mg/l	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050
Mercury	1450	U	0.01	0.2	2	mg/l	<0.0050	<0.0050	<0.0050	<0.0050	< 0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	0.25	<0.050	<0.050	0.091	< 0.050	0.3	<0.050	0.17	0.2
Nickel	1450	U	0.4	10	40	mg/l	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050
Lead	1450	U	0.5	10	50	mg/l	<0.010	<0.010	0.012	<0.010	< 0.010	<0.010	<0.010	<0.010	<0.010
Antimony	1450	U	0.06	0.7	5	mg/l	<0.010	0.012	0.015	<0.010	*0.12*	0.013	<0.010	0.013	<0.010
Selenium	1450	U	0.1	0.5	7	mg/l	<0.010	<0.010	<0.010	0.02	< 0.010	0.026	<0.010	<0.010	<0.010
Zinc	1450	U	4	50	200	mg/l	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	<0.50
Chloride	1220	U	800	15000	25000	mg/l	<10	100	130	110	31	35	33	39	34
Fluoride	1220	U	10	150	500	mg/l	3.2	5.1	2.4	3.4	5.4	3.5	4.1	3.8	3.7
Sulphate	1220	U	1000	20000	50000	mg/l	40	190	180	210	200	230	57	170	180
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	610	810	830	*18000*	900	2200	950	830	1000
Phenol Index	1920	U	1	-	-	mg/l	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50	<0.50	<0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	<50	160	160	73	68	50	110	55	93

			Landfill Waste Acceptance Criteria Limits			Job No:	19-29619	19-32270	19-34839	19-35335	19-41239
						Sample ID:	882778	895423	907942	910365	940575
						Sample Ref:					
						Sample ID:					
						Sample Location:	NBH105	NBH205	NBH210	NBH212	NBH301
						Top Depth(m):	0.5	0.5	0.5	0.3	0.5
			Inert Waste Landfill	*Stable, Non-reactive hazardous waste in non-hazardous Landfill*	Hazardous Waste Landfill	Area	OUTSIDE RLB	OUTSIDE RLB	OUTSIDE RLB	OUTSIDE RLB	OUTSIDE RLB
						Geol					
						Date of Receipt:	19/08/2019	24/09/2019	15/10/2019	15/10/2019	09/11/2019
Determinand	**SOP**	**Accred.**				**Unit**					
Total Organic Carbon	2625	M	3	5	6	%	6	1.1	0.37	*3.2*	1.4
Loss On Ignition	2610	M	--	--	10	%	7.2	3.9	1.4	6.1	2.7
Total BTEX	2760	M	6	--	--	mg/kg	<0.010	< 0.010	< 0.010	< 0.010	[B] < 0.010
Total PCBs (7 Congeners)	2815	M	1	--	--	mg/kg	<0.10	< 0.10	< 0.10	< 0.10	< 0.10
TPH Total WAC (Mineral Oil)	2670	M	500	--	--	mg/kg	<10	< 10	< 10	79	[B] < 10
Total (Of 17) PAH's	2700	N	100	--	--	mg/kg	<2.0	< 2.0	< 2.0	*110*	< 2.0
pH	2010	M	--	>6	--	-	8.4	8.4	9.5	9	9.3
Acid Neutralisation Capacity	2015	N	--	To evaluate	To evaluate		0.037	0.11	0.24	0.3	0.036
Eluate Analysis			**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**								
Arsenic	1450	U	0.5	2	25	mg/l	0.12	< 0.050	< 0.050	0.13	0.13
Barium	1450	U	20	100	300	mg/l	<0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cadmium	1450	U	0.04	1	5	mg/l	<0.010	< 0.010	< 0.010	< 0.010	< 0.010
Chromium	1450	U	0.5	10	70	mg/l	<0.050	< 0.050	< 0.050	< 0.050	< 0.050
Copper	1450	U	2	50	100	mg/l	<0.050	< 0.050	< 0.050	< 0.050	< 0.050
Mercury	1450	U	0.01	0.2	2	mg/l	<0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Molybdenum	1450	U	0.5	10	30	mg/l	0.1	0.16	0.4	0.21	*0.55*
Nickel	1450	U	0.4	10	40	mg/l	<0.050	< 0.050	< 0.050	< 0.050	< 0.050
Lead	1450	U	0.5	10	50	mg/l	<0.010	< 0.010	< 0.010	*1.1*	0.018
Antimony	1450	U	0.06	0.7	5	mg/l	**3.1**	< 0.010	< 0.010	*0.15*	0.021
Selenium	1450	U	0.1	0.5	7	mg/l	0.02	0.021	< 0.010	*0.13*	0.029
Zinc	1450	U	4	50	200	mg/l	<0.50	< 0.50	< 0.50	< 0.50	< 0.50
Chloride	1220	U	800	15000	25000	mg/l	11	17	43	57	11
Fluoride	1220	U	10	150	500	mg/l	5.2	4.6	3.7	*20*	1.7
Sulphate	1220	U	1000	20000	50000	mg/l	170	< 10	72	160	98
Total Dissolved Solids	1020	N	4000	60000	100000	mg/l	1300	900	560	740	800
Phenol Index	1920	U	1	-	-	mg/l	<0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dissolved Organic Carbon	1610	U	500	800	1000	mg/l	85	72	80	100	65