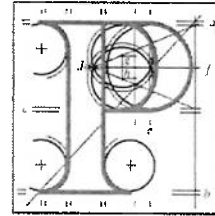


Our Case Number: ABP-314724-22



**An
Bord
Pleanála**

DECC Geological Survey Ireland
Block 1
Booterstown Hall
Booterstown
Blackrock
Co. Dublin
A94 N2R6

Date: 01 October 2024

Re: Railway (Metrolink - Estuary to Charlemont via Dublin Airport) Order [2022]
Metrolink. Estuary through Swords, Dublin Airport, Ballymun, Glasnevin and City Centre to
Charlemont, Co. Dublin

Dear Sir / Madam,

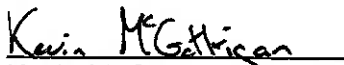
An Bord Pleanála has received your recent submission in relation to the above mentioned case. The contents of your submission have been noted.

More detailed information in relation to strategic infrastructure development can be viewed on the Board's website: www.pleanala.ie.

If you have any queries in relation to the matter please contact the undersigned officer of the Board at laps@pleanala.ie

Please quote the above mentioned An Bord Pleanála reference number in any correspondence or telephone contact with the Board.

Yours faithfully,


Kevin McGettigan
Executive Officer
Direct Line: 01-8737263

RA03

Teil	Tel	(01) 858 8100
Glaó Áitiúil	LoCall	1800 275 175
Facs	Fax	(01) 872 2684
Láithreán Gréasáin	Website	www.pleanala.ie
Ríomhphost	Email	bord@pleanala.ie

64 Sráid Maoilbhríde	64 Marlborough Street
Baile Átha Cliath 1	Dublin 1
D01 V902	D01 V902

From: DECC Planning Notifications <PlanningNotifications@decc.gov.ie>
Sent: Tuesday, October 1, 2024 9:09 AM
To: SIDS <sids@pleanala.ie>
Subject: Railway (Metrolink-Estuary to Charlemont via Dublin Airport) Order 2022

Caution: This is an **External Email** and may have malicious content. Please take care when clicking links or opening attachments. When in doubt, contact the ICT Helpdesk.

To whom it may concern,

Please see attached a submission on behalf of Geological Survey Ireland (a division of the Department of the Environment, Climate and Communications) with regard to the Railway (Metrolink-Estuary to Charlemont via Dublin Airport) Order 2022.

Please send an acknowledgement of receipt to PlanningNotifications@decc.gov.ie at your earliest convenience.

Many thanks,
Luke Thompson

Luke Thompson, Administrative Officer
Planning Advisory Division

An Roinn Comhshaoil, Aeráide agus Cumarsáide
Department of the Environment, Climate and Communications

Teach Tom Johnson, Bóthar Haddington, Baile Átha Cliath, D04 K7X4
Tom Johnson House, Haddington Road, Dublin, D04 K7X4

PlanningNotifications@decc.gov.ie



An Bord Pleanála
64 Marlborough Street
Dublin 1
D01 V902

27th September 2024

Re: 24/328 Metrolink Public Consultation 2024

Your Ref: Railway (Metrolink-Estuary to Charlemont via Dublin Airport) Order 2022
Our Ref: 24/328 (cf: 24/268)

Dear Sir/Madam,

Geological Survey Ireland is the national earth science agency and is a division of the Department of the Environment, Climate and Communications. We provide independent geological information and interpretation and gather various data for that purpose. Please see our [website](#) for data availability.

With reference to correspondence, concerning the Metrolink Public Consultation 2024 and documents submitted by TII to An Bord Pleanála during the Oral Hearing in Spring 2024, we note our previous observations ref: 24/268, and that we have no further comment on foot of the oral hearing documents. However, as before we would like to draw your attention to our various datasets that can be used when conducting the SEA, planning and scoping processes. For more detailed information on how to access this data please access 'Data and Maps' [Data & Maps \(gsi.ie\)](#) on our 'Geoscience for planning' webpage. Use of our data or maps should be attributed correctly (please refer to each individual dataset's metadata for correct attribution).

We would draw your attention in particular to our geotechnical database listed below under Land & Soils – Soil. This may be beneficial to future assessments and decisions.

For specific data available for Environmental Assessment and Planning topics please follow this link [[Data by Environmental Assessment and Planning Topic \(gsi.ie\)](#)], where you will find our data arranged by environmental assessment topic as illustrated below:

Land and soils <i>Soil</i> <ul style="list-style-type: none">• Subsoils (Quaternary Geology)• Tellus Geochemistry• Geotechnical <i>Geology</i> <ul style="list-style-type: none">• Bedrock• Geophysics• Bedrock & Quaternary 3D	Water <i>Groundwater</i> <ul style="list-style-type: none">• Aquifers GW vulnerability, GWPSs (GWPPs) <i>Surface water</i> <ul style="list-style-type: none">• Tellus Geochemistry <i>Estuarine & marine waters</i> <ul style="list-style-type: none">• Marine and coastal <i>Flooding</i> <ul style="list-style-type: none">• GWClimate• Karst	Climate Change <i>Carbon accounting / Carbon balance</i> <ul style="list-style-type: none">• Geothermal• Carbon capture and storage <i>Climate change trends</i> <ul style="list-style-type: none">• National coastal change assessment
Cultural Heritage <i>Archaeology</i> <ul style="list-style-type: none">• Cherish <i>Underwater Archaeology</i> <ul style="list-style-type: none">• Shipwrecks	Material Assets <i>Built Services</i> <ul style="list-style-type: none">• Natural resources (Minerals & Aggregates)• Active quarries	The Landscape <i>Landscape Appearance & Character</i> <ul style="list-style-type: none">• Physiographic units <i>Historical landscapes</i> <ul style="list-style-type: none">• Historic mines



Other Relevant Data		
<i>Natural (Geo) hazards</i> <ul style="list-style-type: none">• Landslide Susceptibility Mapping• Groundwater flooding• Coastal vulnerability• Subsidence• Radon	<i>Natural heritage</i> <ul style="list-style-type: none">• Geoheritage (County Geological Sites)• Dimension Stone/Stone Built Ireland	

Specific Comments/Observations

Should development go ahead, all other factors considered, Geological Survey Ireland would much appreciate a copy of reports detailing any site investigations carried out. The data would be redacted for confidentiality and added to Geological Survey Ireland's national database of site investigation boreholes, implemented to provide a better service to the civil engineering sector. Data can be sent to the Geological Mapping Unit, at <mailto:GeologicalMappingInfo@gsi.ie>.

Should any significant bedrock cuttings be created, we would ask that they will be designed to remain visible as rock exposure rather than covered with soil and vegetated, in accordance with safety guidelines and engineering constraints. In areas where natural exposures are few, or deeply weathered, this measure would permit on-going improvement of geological knowledge of the subsurface and could be included as additional sites of the geoheritage dataset, if appropriate. Alternatively, we ask that a digital photographic record of significant new excavations could be provided. Potential visits from Geological Survey Ireland to personally document exposures could also be arranged.

If we can be of any further help, please do not hesitate to contact me Clare Glanville, or my colleague Trish Smullen at GSIPlanning@gsi.ie.

Yours sincerely,

Dr. Clare Glanville
Senior Geologist
Geoscience for Planning Programme
Geological Survey Ireland

Trish Smullen
Geologist
Geoscience for Planning Programme
Geological Survey Ireland

The publicly available data referenced/presented here, should in no way be construed as Geological Survey Ireland support for or objection to the proposed development or plan. The data are made freely available to all and can be used as independent scientific data in assessments, plans or policies. It should be noted that in many cases these data are a baseline or starting point for further site specific assessments.