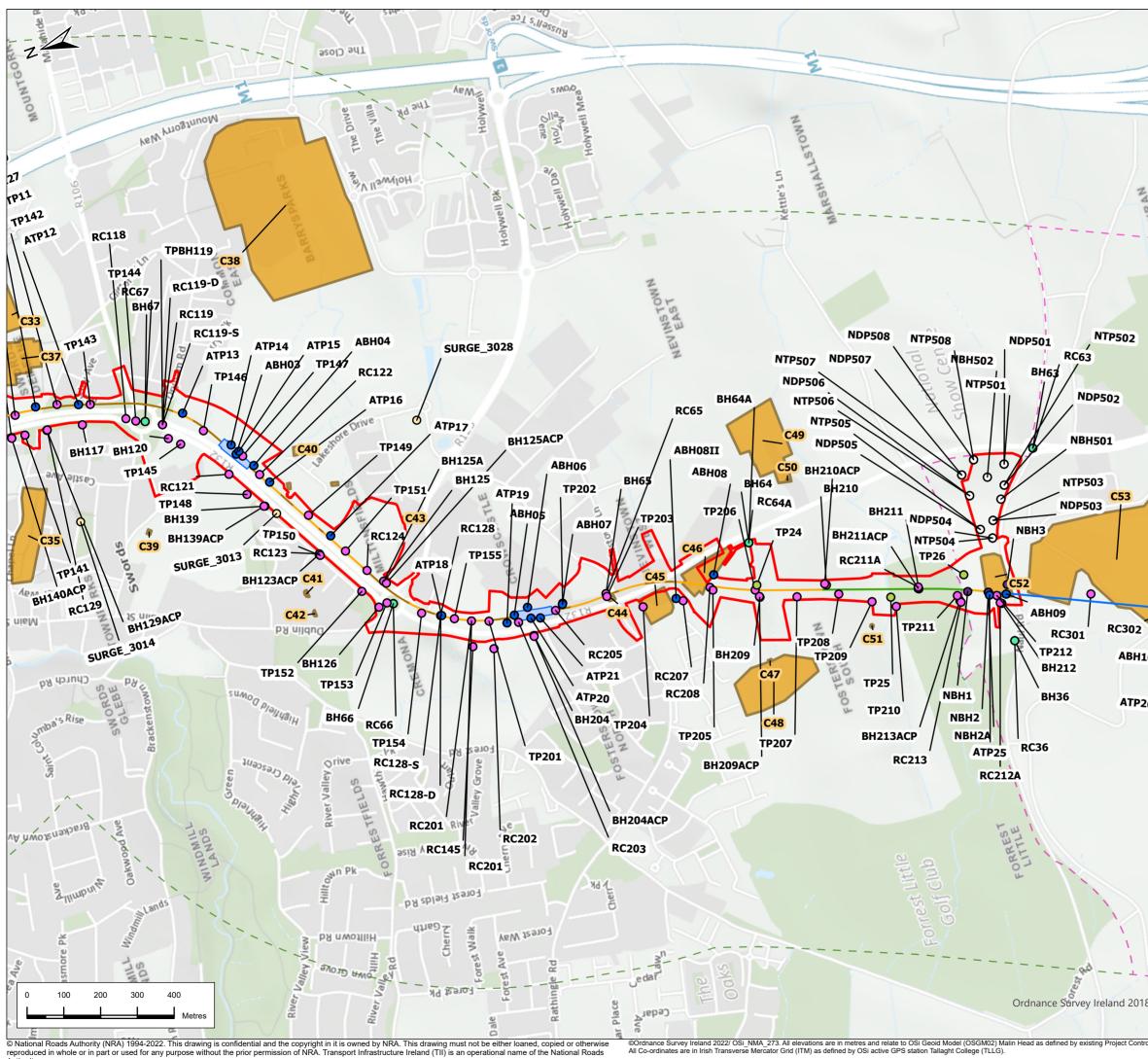


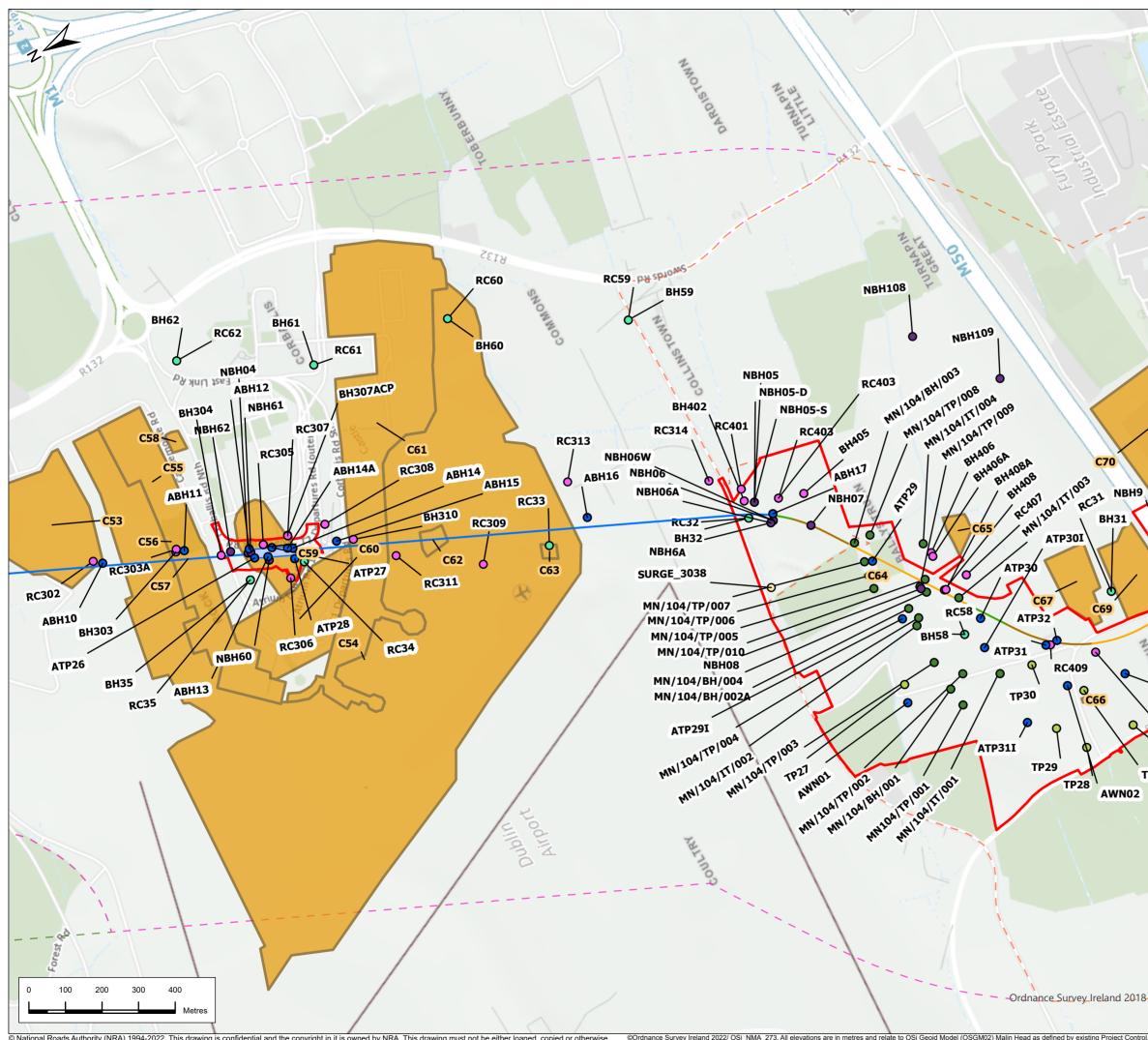
© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).



Authority.

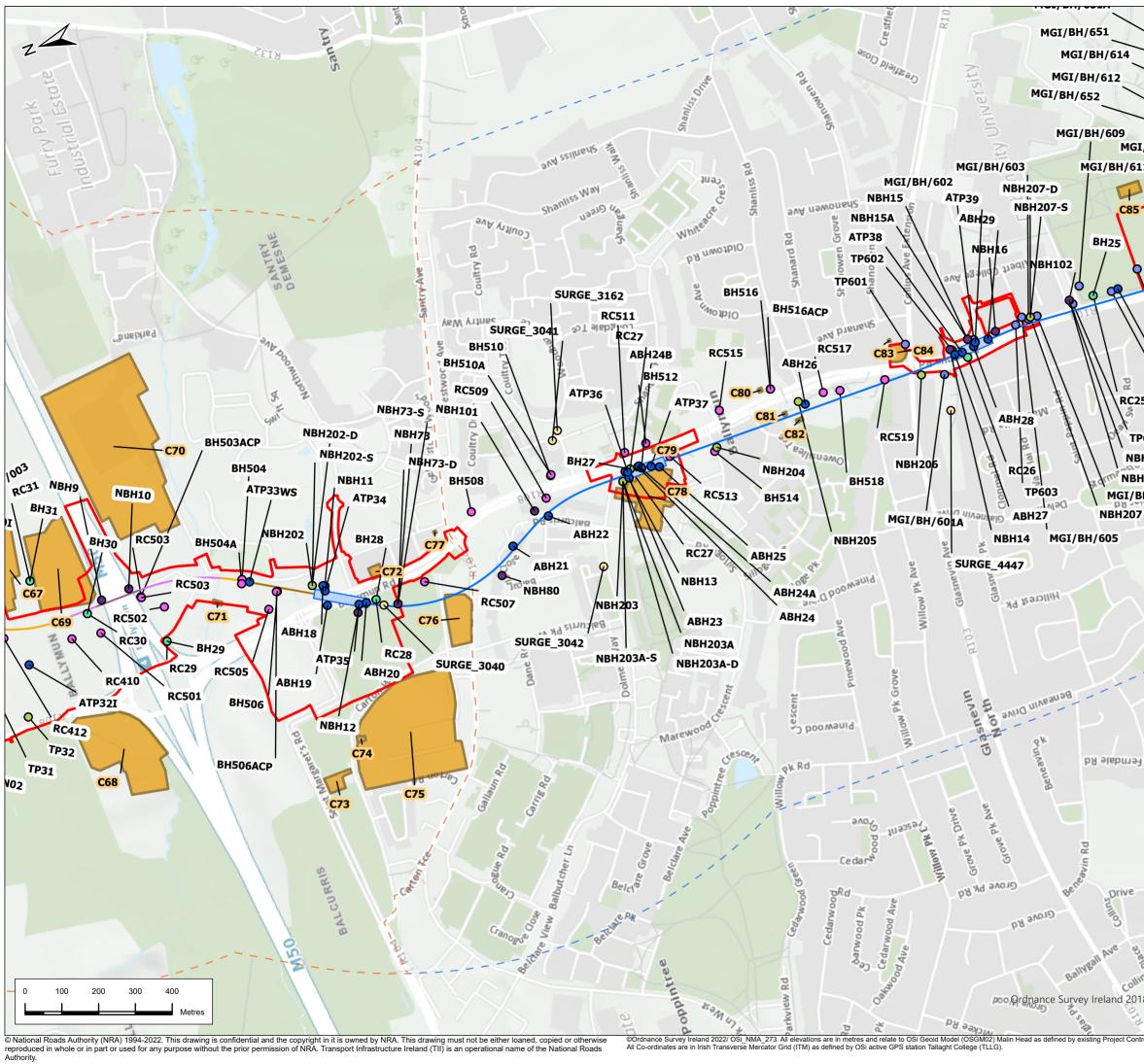
1	مم ا	and				
	Legend					
-11	Alignment					
	Cut 8	Cover				
==	Retai	ned Cut				
1	Surfa	ce				
	Tunne	el				
	Statio	on Locations				
	Proje	ct Boundary				
P	Geographi	ic Split				
HB	AZ1 M	Northern Section				
CLOGHRAN	AZ2 /	Airport Section				
C	GI Locatio	ns				
	IGSL	,2007				
	O IGSL	,2008				
	O GSI,2	2009				
	Caus	eway Phase 1, 2019				
	O Caus	eway Phase 2, 2019				
	Caus	eway Phase 5, 2021				
	O Caus	eway Phase 5B, 2021				
		itial land contamination sources within 250m of the Wo and/or alignment	irks			
		1 m	1	-		
	-	Don	abat	e		
			5/			
		1 Mai	ahid			
C54-	-	M2	amu	e		
	5		11			
	A. 7.		tnl			
	13,		1 //		1	
		N1	X+++1	1.111	-9	
	KAY	Att the state	67		2	
					-	
	4-1	Dublin				
X /	-1-111-17	HAMPT HIS RECT				
10	Ordnance Survey Ireland					
BH30			5	2018	3	
26	P04 18/8/22 Rev. Date		ND RH awn Check'd	RH Rev'd	NC Appr'd	
ВН	Tion. Dato				, the c	
		JACOBS				
		IDOM				
	Client					
		Bonneagar Iompair Éireann Transport Infrastructure Ireland				
	Project					
		METROLIN	NK.			
	Drawing Title Figure 20.6 Land Contamination					
		Sheet 2 of 8				
	Drawing Status	Final				
	Scale @ A3	1:10,000	DO N	IOT SC	CALE	
	Jacobs No. Client No.	32108600				
8	Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-210	035			
0	ML1-JAI-EIA-ROUT_XX-DR-Y-21035 P04 This drawing is not to be used in whole in or part other than for the intended purpose					
		defined on this drawing. Refer to the contract for full			з.	



© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

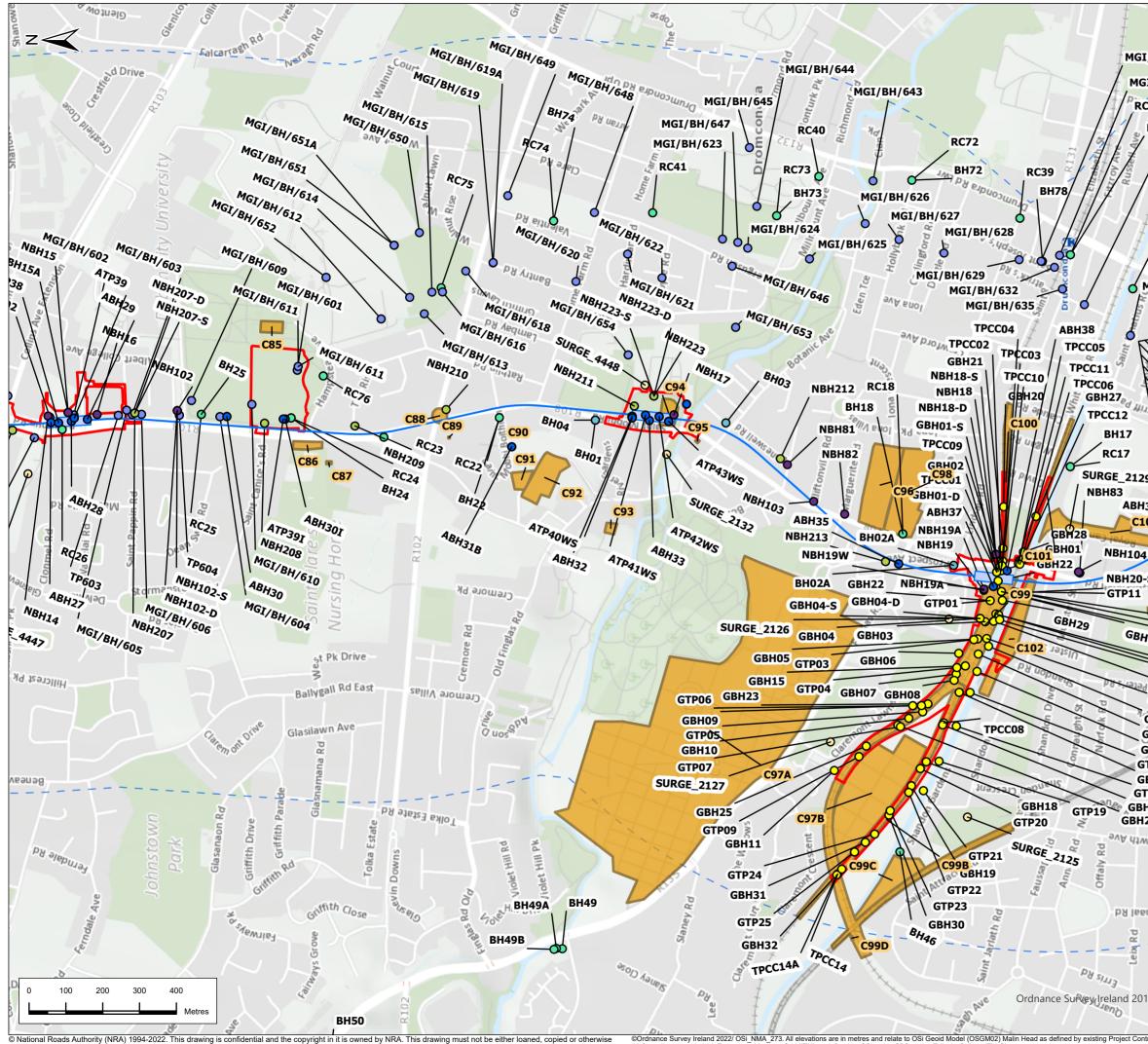
©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

G.	Leg	end			
	Alignment				
1	Cut & C	Cover			
	Incline				
15	Retain	ed Cut			
· K	Surface				
	Tunnel				
	Station	Locations			
1		Boundary			
n	Geographic				
		rthern Section			
- 1	22	port Section			
\sim	22	rdistown to Northwood			
	GI Location				
1	IGSL,2				
	IGSL,2				
$\boldsymbol{\nabla}$	GSI,20				
	-	echanics,2011			
puers		way Phase 1, 2019			
	-	way Phase 2, 2019			
	•	way Phase 5, 2019			
	-	al land contamination sources within 250m of the Works			
		nd/or alignment			
	-	Dona	hate		
/		Dona	Date		
			\geq		
		Mala	hide		
	~. (M2			
h	5	X IN I			
	1.73		51		
BH	3.				
N.		NI1 +	1 101 111-0		
N	+ Her	and and			
	- 1	O I			
	5	Dublin			
Q	6.54	Dubin			
2 Q	-1-111-12	the state of the s			
1 Du		Ordnance Si	urvey Ireland		
TI	2018				
14					
	P04 18/8/22 Rev. Date	Final Issue FND Purpose of revision Drawn	RH RH NC Check'd Rev'd Appr'd		
C68	INEV. Date		Check a Rova Appla		
RC4		JACOBS			
TP3		IDOM			
TP31	Olivert				
IPJI	Client				
		Bonneagar lompair Éireann Transport Infrastructure Ireland			
	Project				
		METROLIN	K		
	Drawing Title				
	Drawing Title	Figure 20.6 Land Contamina	tion		
		Sheet 3 of 8			
	Drawing Status	Final			
	Scale @ A3	1:10,000	DO NOT SCALE		
	Jacobs No.	32108600	- DO NOT DOALL		
	Client No.		Rev		
8	Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-2103	6 P04		
		not to be used in whole in or part other than for the inte			
	and project as	defined on this drawing. Refer to the contract for full ter	ms and conditions.		



All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG

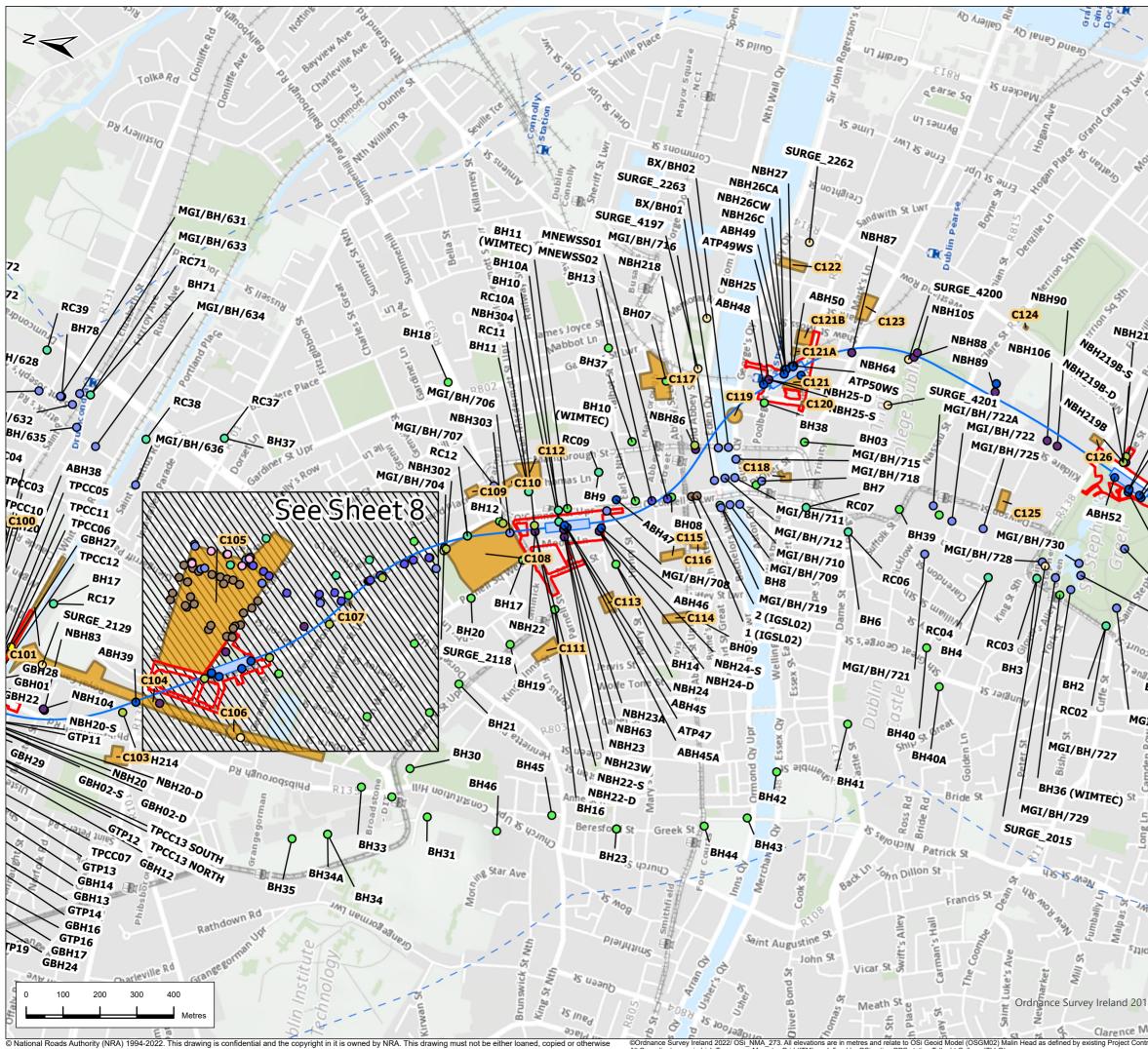
	Lea	end					
\sim	Alignment						
	Cut &	Cover					
5	Incline	2					
	Retair	ed Cut					
~	Tunne	4					
/BH/60	Viadu	ct					
1	Statio	n Locations					
1 21	Projec	t Boundary					
-1	Geographi	c Split					
Ø	AZ3 D	ardistown to Northwood					
		orthwood to Charlemont					
	GI Locatio						
0	IGSL,						
71	 IGSL, Norw 	est Holst,2008					
14	GSI,2						
lice	-	eway Phase 1, 2019					
11	-	eway Phase 2, 2019					
	-	eway Phase 5, 2021					
5		tial land contamination sources within 250m of the Works and/or alignment					
• \\	Alcut	2					
604	-	Dona	bate				
H102-S		Mala	hide				
1102-D	~~~	M2					
H/606	5	A A I					
	A REAL TO .						
	3 A A A A A A A A A A A A A A A A A A A						
	ALL						
	Dublin						
	8 B.	Dubin					
	-1.111.0	Ordnance Si	irvev Irelar	hd			
	Ordnance Survey Ireland 2018						
		A 1 A	<u>(A)</u>				
	P04 18/8/22	Final Issue FND	RH RH	NC			
	Rev. Date	Purpose of revision Drawn	Check'd Rev'd	d Appr'd			
		JACOBS					
		IDOM					
\sum	Client						
Ave							
lale		Bonneagar Iompair Éireann Transport Infraetung Imeand					
Ferndale Ave	Project						
4		METROLIN	Κ				
Pa	Drowing Title						
ee	Figure 20.6 Land Contamination						
Glasaree Rd		Sheet 4 of 8					
10							
	Drawing Status	Final	1				
ald	Scale @ A3 Jacobs No.	1:10,000 32108600	DO NOT S	SCALE			
02	Client No.			Rev			
8	Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-2103	7	P04			
	This drawing is not to be used in whole in or part other than for the intended purpose						
2	and project as	and project as defined on this drawing. Refer to the contract for full terms and conditions.					



roduced in whole or in part or used for any purpose without the prior pe sion of NRA. Transport Infrastructure Ireland (TII) is an operation Authority

©Ordnance Survey Ireland 2022/ OSi_NMA_273. All elevations are in metres and relate to OSi Geold Model (OSGM02) M All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG)

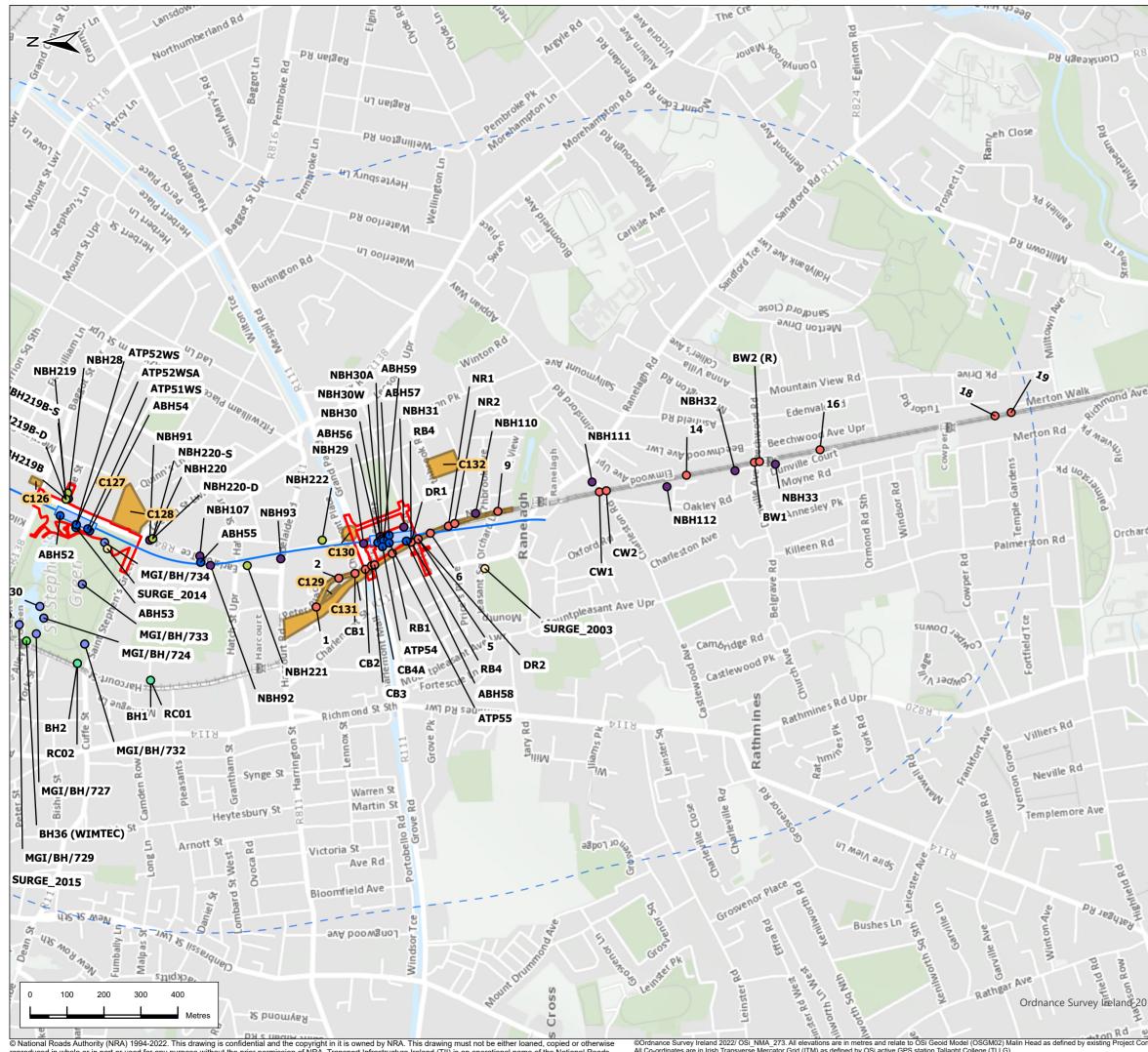
	Legend						
/BH/63	Alignment						
I/BH/6:							
	Station Locations						
71, _{or}	Project Boundary						
BH71	Geographic Split						
MGI/	AZ4 Northwood to Charlemont						
1a Clar	GI Locations						
Pue	IGSL,2002						
Portland Pla	O IGSL,2007						
RC38	Norwest Holst, 2008						
/	O GSI,2009						
MGI/BH	• GII,2018						
	Causeway Phase 1, 2019						
arad	 Causeway Phase 1, 2019 Causeway Phase 2, 2019 						
TITA	 Causeway Phase 2, 2019 Causeway Phase 4, 2020 						
$\langle \rangle$	Causeway Phase 5, 2021 Potential land contamination sources within 250m of the Works						
\bigcup	Area and/or alignment						
NW	Donabate						
8//8							
C105							
9	M2 Malahide						
39							
04							
	13						
QN							
S <mark>C103</mark>	of the second se						
N N	1 Dublin						
NBH2	- Internet and a second second						
102-S	Ordnance Survey Ireland						
	2018						
GTP:							
TPCC07	P04 18/8/22 Final Issue FND RH RH NC Rev. Date Purpose of revision Drawn Check'd Rev/d App'd						
GTP13	JACOBS						
GBH14 GBH13							
TP14	IDOM						
BH16	Client						
FP16 H17	Bonneagar lompair Éireann						
24	Project						
Dot	METROLINK						
	Drawing Title Figure 20.6 Land Contamination						
ωı	Sheet 5 of 8						
out	Denvice Otation						
	Drawing Status Final						
	Scale @ A3 1:10,000 DO NOT SCALE Jacobs No. 32108600 32108600						
Cabra Rd	Client No. Drawing No. Rev Rev						
Cabr	ML1-JAI-EIA-ROUT_XX-DR-Y-21038 P04						
J.	This drawing is not to be used in whole in or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.						



of NRA. Transport Infr oduced in whole or in part or used for any purpose without the prio

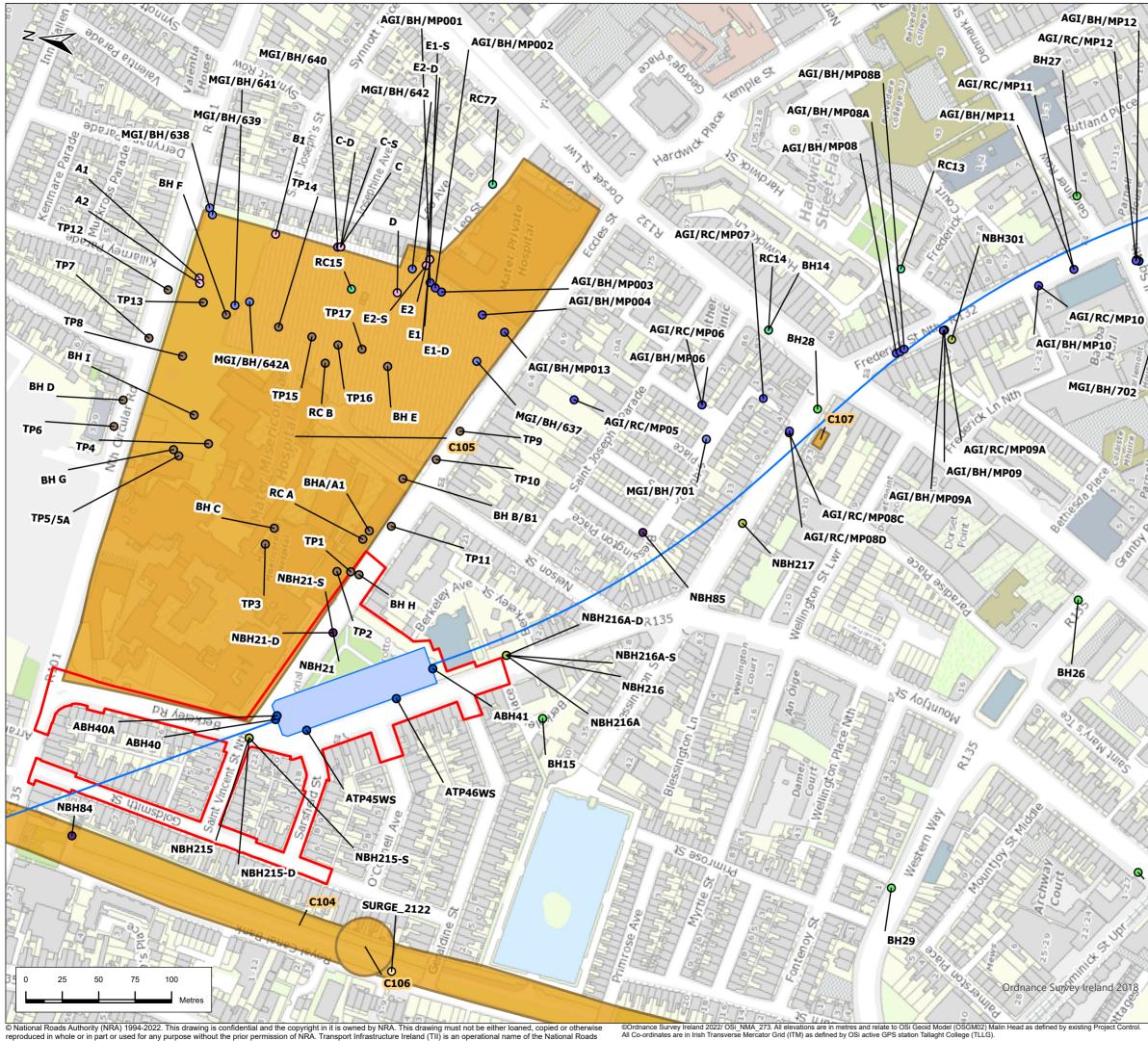
ed by OSi active GPS station Tallaght College (TLL

Collar Collar	Lea	end				
	-					
\sim	Alignment					
	Tunn					
non an	Statio	on Locations				
074		ct Boundary				
5	Geograph	ic Split				
	AZ4	Northwood to Charlemont				
en	GI Locatio	ons				
stephen	O Wim	tec,2000				
	O IGSL	,2002				
11	O IGSL	,2007				
Prount	O IGSL	,2010				
\frown	Norv	vest Holst,2008				
	O Norv	vest Holst,2009				
540		2009				
all	-	eway Phase 1, 2019				
NBI	-					
5	-	eway Phase 2, 2019				
\$	-	eway Phase 4, 2020				
1 /	-	eway Phase 5, 2021 Itial land contamination sources within 250m of the Wo	o			
		and/or alignment	OFKS			
		1	1.	3		
C127 C128		Don	aba	te		
C128			121			
		Mal	ahi	de		
	m	M2	1			
0	5		I.			
971	A. 3.		th			
	13		+	N.	2	
5		N1	XH			
\$ 15	* skyt	Att the State	51			
AE						
- MG	Dublin					
MGI/B	- I was to the first of the second seco					
	Ordnance Survey Ireland					
ANT A	1			2018	3	
BH1W R			han Ser			
	P04 18/8/22		ND R	_	NC	
I/BH/7	Rev. Date		rawn Che	ck'd Rev'd	Appr'd	
		JACOBS				
		IDOM				
	Client					
3	Choine					
		Bonneagar lompair Éireann				
Ar	Project	Transport Infrastructure Ireland				
	110,000	METROLI		•		
	Drawing Title	F ¹ 20 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1				
とし		Figure 20.6 Land Contamin Sheet 6 of 8	natior	ו		
15,0		Sheet 0 01 8				
7 15 1155 en	Drawing Status					
lyon ?		Final				
8	Scale @ A3 Jacobs No.	1:10,000 32108600		D NOT S		
$\mathcal{V}\mathcal{Y}$	Client No.				Rov	
8 8	Drawing No.	ML1-JAI-EIA-ROUT_XX-DR-Y-21	039		^{Rev} P04	
an all		not to be used in whole in or part other than for the			-	
angar		defined on this drawing. Refer to the contract for ful			s.	



e reproduced in whole or in part or used for any purpose Authority. of NRA. Transport Infrastructure Ireland (TII) is an op All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG)

25	Lege	nd					
	Alignment						
py un	Tunne	el					
	Statio	n Locations					
E E	Project Boundary						
etho	Geographi	c Split					
Whitethorn Rd	AZ4 N	lorthwood to Charlemont					
Ĵ.	GI Locatio	ns					
		ec,2000					
	IGSL						
9	 IGSL 						
WL		est Holst,2008					
Milltown	-						
Ξ	- ,						
		eway Phase 1, 2019					
	O Caus	eway Phase 2, 2019					
		eway Phase 5, 2021					
Sth		tial land contamination sou and/or alignment	rces within 2	50m of	the Wo	rks	
		7	~	1		5	
		3	Do	nai	bat	e	
Rd			<				
Temple Rd	M	2	Ma	la	hid	e	
Ter	Sur	k Ed		t			
Rd							
N W	13						
	NI1 NI1						
1.	THE ATT AND A DOWN						
a de la compañía de	Dublin						
	HIM THE THE						
	Ordnance Survey Ireland						
	2018						
. د	P04 18/8/22	Final Issue		FND	RH	RH	NC
	Rev. Date	Purpose of revision		Drawn	Check'd	Rev'd	Appr'd
		JAC	OBS				
		IDC					
e l	Client						
D							
and		Bonneagar Iom Transport Infras	pair Éireann				
Oaklands Drive	Transport Infrashructure Ireland Project						
		METR	OL	N	Κ		
	Drawing Title						
	Figure 20.6 Land Contamination Sheet 7 of 8						
27		Sneet	1010				
	Drawing Status	Eii	nal				
Rathga		1:10,000			DO N	IOT SC	CALE
East	Jacobs No. Client No.	32108600					
ast East	Drawing No.	ML1-JAI-EIA-ROUT_	XX-DR-Y-2	21040)		^{Rev} P04
un		t to be used in whole in or part				pose	
trol.		ned on this drawing. Refer to t ta\JI\Sustainable Solutions\Metro North\11 - Mapping\V					».



© National Roads Authority (NRA) 1994-2022. This drawing is confidential and the copyright in it is owned by NRA. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of NRA. Transport Infrastructure Ireland (TII) is an operational name of the National Roads Authority.

1AF	Leg	jend					
P	Alignmer	nt					
ant	Tun	nel					
Rut	Stat	tion Locations					
	Pro	ject Boundary					
21	Geograp	hic Split					
\sum		1 Northwood to Charlemont					
P	GI Locati	ions					
L	O Wir	mtec,2000					
n	O IGS	5L,2002					
	O IGS	5L,2007					
R	O IGS	5L,2010					
R	O Nor	rwest Holst,2008					
ā	O Nor	rwest Holst,2009					
-9	O GSI	I,2009					
P	🔵 Cau	useway Phase 1, 2019					
/	🔵 Cau	useway Phase 2, 2019					
	🔵 Cau	useway Phase 5, 2021					
3		ential land contamination sources within 250m of the Works					
	Are	a and/or alignment					
E.	-	Donabate					
F		Malahide					
tine .	~	M2					
20	5						
on l	A. 7.		10				
R	13						
~	N1 to the mode						
^{du}	MAN ATT MAN						
Ĝraj	Dublin						
1	Dubiin						
	-110	Ordnance Survey Irelanc					
	-	2018					
ß							
X,	P04 18/8/22	Final Issue FND RH RH	NC				
100	Rev. Date	Purpose of revision Drawn Check'd Rev'd	Appr'd				
_//		JACOBS					
		IDOM					
6	Client						
X							
5		Bonneagar lompair Éireann Transport Infrastructure Freland					
\otimes	Project						
×4		METROLINK					
0	Drawing Title						
BHZ		Figure 20.6 Land Contamination					
47		Sheet 8 of 8					
\searrow	Drawing Status						
	Scale @ A3	Final DO NOT SC	CALE				
A	Jacobs No.	1:2,500 DO NOT SC 32108600	~,				
X	Client No. Drawing No.		Rev				
		ML1-JAI-EIA-ROUT_XX-DR-Y-21041	P04				
		s not to be used in whole in or part other than for the intended purpose defined on this drawing. Refer to the contract for full terms and conditions	5.				