Norwich Western Link

Drainage Strategy Appendix 14 : Ground Investigation Reports Part 8 of 8

Author: Ramboll

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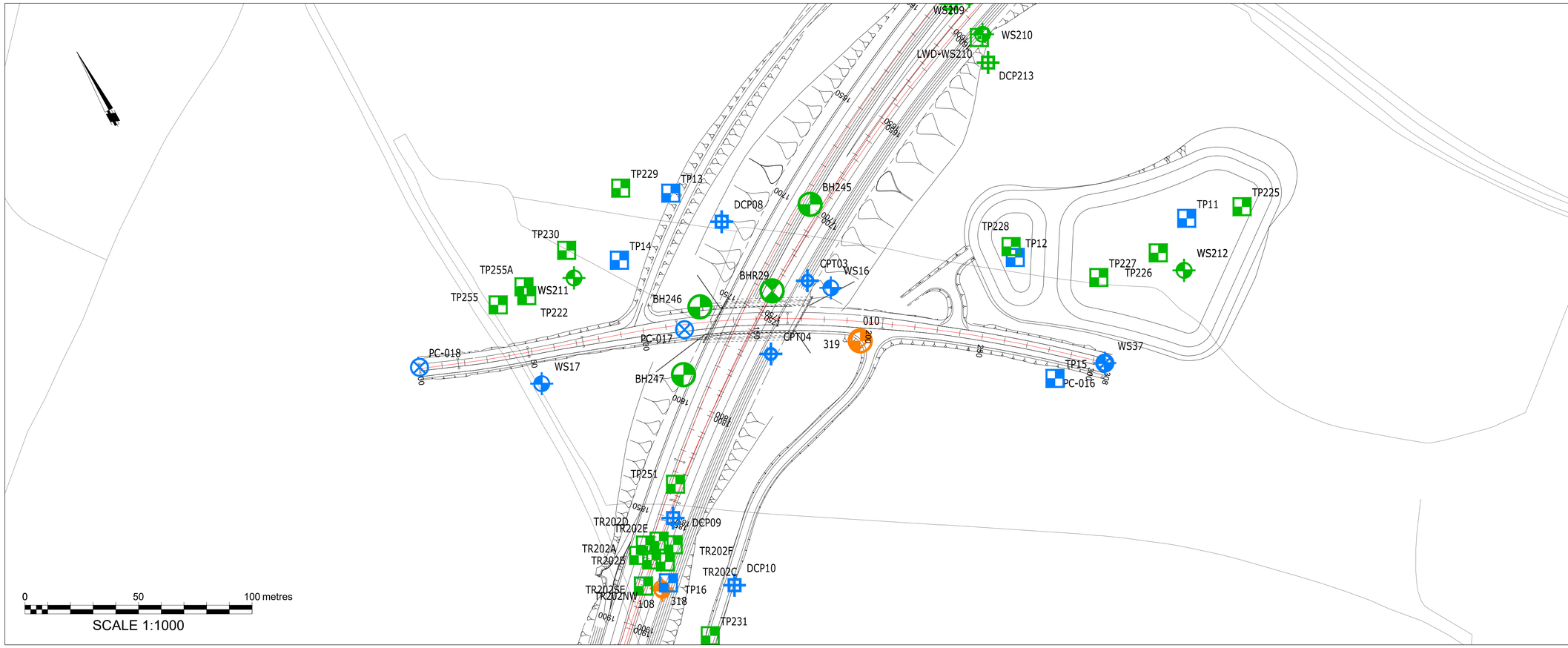
Contents

1 Introduction

1.1.1 This document contains geotechnical long section drawings that are part of the Ramboll Ground Investigation report. The geotechnical long sections show the different soil types with depth across the scheme and are intended to provide evidence of the existing ground conditions that are stated within the Drainage Strategy Report.

This document alco contains groundwater monitoring information, also part of the Ramboll Ground Investigation report, which are provided as evidence of the existing groundwater levels that are referenced within the Drainage Strategy Report.

1.1.2 We have included a summary of key information shown in this document in an accessible format. However, some users may not be able to access all technical details. If you require this document in a more accessible format please contact: norwichwesternlink@norfolk.gov.uk

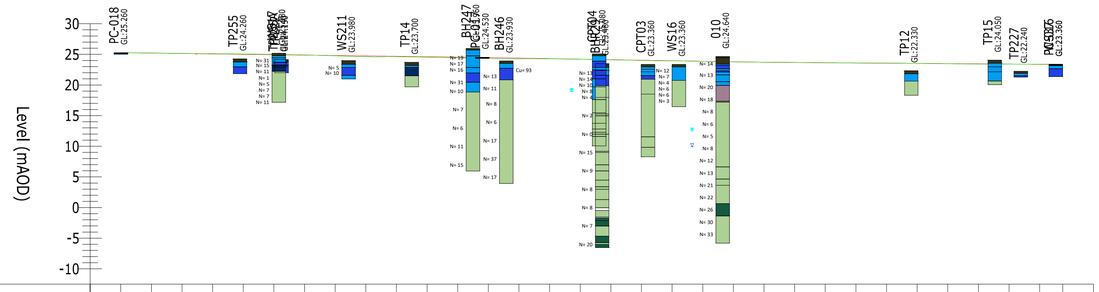


PLAN LEGEND

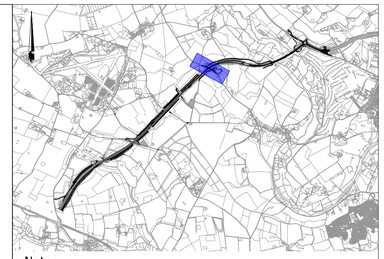
SITE EXTENTS BOUNDARY | CABLE PERCUSSION BOREHOLE | ROTARY OPEN HOLE BOREHOLE | CABLE PERCUSSION WITH ROTARY FOLLOW ON BOREHOLE | WINDOWLESS SAMPLE | DYNAMIC PROBE | TRIAL PIT/TRENCH | CPT LOCATION | DYNAMIC CONE PENETROMETER | PAVEMENT CORE

RINGLAND LANE

SCALE: H 1:1000,V 1:500. DATUM: -10.000



Chainage	0+000	010	020	030	040	0+050	060	070	080	090	0+100	110	120	130	140	0+150	160	170	180	190	0+200	210	220	230	240	0+250	260	270	280	290	0+300	0+308
Existing Levels		25.223	25.168	25.111	25.068	25.014	24.906	24.762	24.627	24.614	24.538	24.435	24.319	24.274	24.258	24.213	24.083	24.005	23.945	23.868	23.798	23.733	23.726	23.689	23.617	23.588	23.569	23.530	23.488	23.469	23.434	23.410	23.376
Proposed Levels	25.273	25.207	25.141	25.075	25.009	24.943	24.877	24.812	24.746	24.680	24.614	24.548	24.472	24.386	24.300	24.215	24.129	24.043	23.957	23.871	23.787	23.719	23.672	23.636	23.599	23.563	23.527	23.490	23.454	23.418	23.381	
Level Difference	-0.020	-0.016	-0.027	-0.038	-0.059	-0.071	-0.033	0.050	0.119	0.065	0.076	0.123	0.153	0.112	0.043	0.002	0.018	0.038	0.012	0.004	-0.011	-0.014	-0.017	0.018	0.011	-0.006	-0.004	0.022	0.020	0.008	0.005	



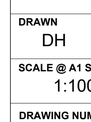
Notes:

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
4. THE DESIGN IS BASED ON THE HE LOCAL GRID.
5. ZONES OF NO RECOVERY AND AREAS OF CORE LOSS WERE RECORDED WITHIN THE CHALK STRATUM. THESE HAVE BEEN IDENTIFIED AS DRILLING/IN-SITU TESTS INDUCED OR DUE TO PRESENCE OF FLINT COBBLES AND BOULDERS. THE FACTUAL REPORT AND GROUND INVESTIGATION REPORT SHOULD BE REFERRED TO FOR FURTHER DETAILS.

GEOLOGY LEGEND

- Topsoil
- Flexible Pavement
- Made Ground (Granular)
- Made Ground (Cohesive)
- Concrete
- Peat
- Alluvium (Granular)
- Alluvium (Cohesive)
- Glacial Deposits (Granular)
- Glacial Deposits (Cohesive)
- No Recovery
- Head Deposits (Granular)
- Head Deposits (Cohesive)
- River Terrace Deposits
- Lowestoft Formation (Granular)
- Lowestoft Formation (Till)
- Sheringham Cliffs Formation (Cohesive)
- Sheringham Cliffs Formation (Granular)
- Structureless Chalk
- Structured Chalk

EXPLORATORY HOLE LEGEND



GROUND INVESTIGATION PHASES

- 2022 ALIGNMENT REFINEMENT GROUND INVESTIGATION
- 2021 SUPPLIMENTARY STAGE 1 GROUND INVESTIGATION
- 2019/20 PRELIMINARY GROUND INVESTIGATION

First Issue

REVISION	DRAWN	CHECKED	APPROVED	DATE
P01	DH	JS	AR	02/02/23

CLIENT

Norfolk County Council

Tom McCabe
Executive Director of
Community and Environmental Services
Norfolk County Council
County Hall, Martineau Lane
Norwich NR1 2SG

PROJECT

Norwich Western Link

ferrovial construction | RAMBOLL

DRAWING TITLE

NORWICH WESTERN LINK
GEOLOGICAL LONG SECTION
SHEET 19
RINGLAND LANE

DRAWING STATUS

S5 SUITABLE FOR REVIEW AND ACCEPTANCE

DRAWN	CHECKED	APPROVED	AUTHORISED
DH	JS	AR	

SCALE @ A1 SIZE	DATE	REVISION
1:1000	02/02/23	P01

DRAWING NUMBER

NCCT41793-RAM-HGT-MLE-DR-GI-2619

APPENDIX 3
GROUNDWATER MONITORING INFORMATION

100046 Norwich Western Link

Groundwater dips

Location	27/09/2019	02/10/2019	09/10/2019	22/10/2019	14/11/2019	27/11/2019	09/12/2019	13/01/2020	30/01/2020	10/02/2020	29/07/2020	15/10/2020
001	11.18	11.19	11.22	11.27	11.28	11.30	11.32	11.11	11.19	11.20	10.79	#
003	0.70	0.90	0.45	0.76	0.70	0.50	0.61	0.40	0.40	0.31	0.50	#
005s	-	-	-	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
005d	-	-	-	20.60	20.40	20.50	20.36	20.20	20.23	20.21	20.09	20.03
007	-	-	-	-	-	-	21.08	22.80	22.75	22.71	22.50	21.95
010	-	13.33	12.90	12.48	12.48	12.51	11.85	11.15	11.13	11.11	12.51	10.50
012	-	-	-	-	-	-	-	-	-	0.41	Dry	4.12
013s	-	-	-	-	-	-	-	-	-	-	-	0.85
013d	-	-	-	-	-	-	-	-	-	-	-	0.00
014s	-	-	-	-	-	-	-	-	-	-	-	0.00
014d	-	-	-	-	-	-	-	-	-	-	-	0.00
015s	-	-	-	-	-	-	-	-	-	-	-	0.23
015d	-	-	-	-	-	-	-	-	-	-	-	0.23
016s	-	-	-	-	-	-	-	-	-	-	-	0.61
016d	-	-	-	-	-	-	-	-	-	-	-	0.69
019s	-	-	-	-	-	-	-	-	-	-	-	0.60
019d	-	-	-	-	-	-	-	-	-	-	-	0.70
020s	-	-	-	-	-	-	-	-	-	-	-	3.49
020d	-	-	-	-	-	-	-	-	-	-	-	3.50
021s	-	-	-	-	-	-	-	-	-	-	-	Dry
021d	-	-	-	-	-	-	-	-	-	-	-	10.16
030	-	-	-	-	-	-	-	-	-	-	-	Dry
031	-	-	-	-	-	-	-	-	-	-	-	Dry
101	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	#
102	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	#
103	3.21	3.31	2.91	2.90	2.83	2.91	2.75	2.52	2.40	Dry	2.37	#
105	-	-	-	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
106	-	-	-	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
107	-	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
108	-	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
109	-	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
110	-	-	-	-	-	-	-	-	-	Dry	Dry	Dry
112	-	-	-	-	-	-	Dry	Dry	Dry	Dry	Dry	Dry
113	-	-	-	-	-	-	Dry	Dry	Dry	Dry	Dry	Dry
114	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry

- Not present

No access

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	07/02/2022: Cloudy and dry; 08/02/2022: Sunny and dry; 09/02/2022: Cloudy and dry; 10/02/2022: Cloudy and dry
Date:	07/02/2022 - 10/02/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	07/02/2022: 2 Morning, 2 Lunch, 2 Afternoon; 08/02/2022: 3 Morning, 3 Lunch, 3 Afternoon; 09/02/2022: 3 Morning, 3 Lunch, 3 Afternoon; 10/02/2022: 3 Morning, 4 Lunch

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover. [2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump. Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): M. Rooke / C. Ogunniyi / C. Bowrey

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings: Aqua TROLL 500 Multiparameter Sonde / 658864											Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BHR29	PIPE1 (50mm)	07/02/2022	10:07:00	23.48	N/E		10.38	13.10	N/E		29.28	-5.80	1025	9.7	10.6	7.1	585.5	807.6	44.0	168.0	1708.1	0.4	1.0	0.5	I	18.90	175	EW1	Cream, becoming transclucent and chalky. Fast recharge rate.
BHR30	PIPE1 (50mm)	07/02/2022	14:30:00	37.11	N/E		Dry		N/E		8.28	28.83																
BHR31	PIPE1 (19mm)	07/02/2022	14:00:00	31.91	N/E		Dry		N/E		13.70	18.21																
BHR32	PIPE1 (50mm)	08/02/2022	10:44:00	54.91	N/E		18.51	36.40	N/E		27.30	27.61	1020	10.5	13.6	7.5	505.0	69.0	79.2	158.9	1980.2	0.3	1.0	0.5	I	8.79	305	EW1	Brown, becoming transclucent. Fast recharge rate. Bottom metre of pipe silted up. Cleared out during purging.
BHR33	PIPE1 (50mm)	09/02/2022	11:36:00	44.17	N/E		7.69	36.48	N/E		40.05	4.12	1018	10.7	10.4	7.6	374.7	520.3	26.0	94.5	2688.6	0.3	1.0	0.3	I	32.36	185	EW1	Greyish white, becoming transclucent. Fast recharge rate.
BHR34	PIPE1 (50mm)	09/02/2022	10:25:00	46.40	N/E		Dry		N/E		5.20	41.20																
BHR35	PIPE1 (50mm)	10/02/2022	11:47:00	36.18	N/E		-0.55	36.73	N/E		11.01	25.17	1019	11.2	9.9	12.5	6325.5	8888.1	49.9	1.3	158.1	4.9	1.0	5.8	I	11.56	75	EW1	Yellowish white, becoming clear. Slow recharge rate. Water initially sitting in standpipe above ground level. Cleared during purging.
CP01	PIPE1 (19mm)	07/02/2022	10:52:00	24.43	N/E		Dry		N/E		6.90	17.53																
CP02	PIPE1 (50mm)	07/02/2022	11:02:00	25.69	N/E		Dry		N/E		5.56	20.13																Insufficient water for sampling.
CP03	PIPE1 (50mm)	07/02/2022	11:44:00	16.84	N/E		Dry		N/E		1.93	14.91																
CP04	PIPE1 (19mm)	08/02/2022	15:35:00	22.90	N/E		2.84	20.06	N/E		2.86	20.04														0.02		
CP05	PIPE1 (50mm)	08/02/2022	14:25:00	18.47	N/E		Dry		N/E		3.87	14.60																
CP06	PIPE1 (50mm)	08/02/2022	14:55:00	39.60	N/E		Dry		N/E		6.94	32.66																
CP07	PIPE1 (50mm)	08/02/2022	12:55:00	40.10	N/E		Dry		N/E		3.89	36.21																
CP08	PIPE1 (50mm)	08/02/2022	09:20:00	55.71	N/E		Dry		N/E		10.17	45.54																
CP09	PIPE1 (19mm)	09/02/2022	10:55:00	52.77	N/E		Dry		N/E		4.31	48.46																
CP10	PIPE1 (19mm)	09/02/2022	10:45:00	49.43	N/E		Dry		N/E		5.92	43.51																Insufficient water for sampling.
CP11	PIPE1 (50mm)	09/02/2022	11:30:00	50.86	N/E		Dry		N/E		11.81	39.05																
CP12	PIPE1 (50mm)	10/02/2022	12:20:00	51.68	N/E		9.40	42.28	N/E		9.51	42.17														0.11		
CP13A	PIPE1 (19mm)	09/02/2022	11:20:00	50.58	N/E		Dry		N/E		6.09	44.49																
WS01	PIPE1 (50mm)	07/02/2022	12:10:00	21.25	N/E		Dry		N/E		4.10	17.15																
WS02	PIPE1 (19mm)	07/02/2022	12:04:00	22.44	N/E		Dry		N/E		3.65	18.79																
WS03	PIPE1 (50mm)	07/02/2022	12:45:00	19.55	N/E		Dry		N/E		4.04	15.51																Insufficient water for sampling.
WS04	PIPE1 (50mm)	07/02/2022	11:18:00	21.74	N/E		Dry		N/E		2.39	19.35																
WS05	PIPE1 (50mm)	09/02/2022	08:30:00	12.06	N/E		3.16	8.90	N/E		3.28	8.78														0.12		
WS06	PIPE1 (50mm)	09/02/2022	09:21:00	13.05	N/E		3.85	9.20	N/E		4.78	8.27	1024	12.0	8.0	7.5	591.9	876.9	41.3	202.9	1689.5	0.4	1.0	0.6	S	0.93	28	EW1	Cloudy orangish brown. Fast recharge rate.
WS07	PIPE1 (50mm)	09/02/2022	10:05:00	10.16	N/E		1.19	8.97	N/E		2.08	8.08	1024	13.2	8.1	7.4	569.8	842.1	65.8	186.9	1755.2	0.4	1.0	0.5	S	0.89	30	EW1	Orange. Slow recharge rate.
WS15	PIPE1 (50mm)	08/02/2022	14:40:00	27.32	N/E		Dry		N/E		3.91	23.41																
WS16	PIPE1 (50mm)	07/02/2022	09:00:00	23.36	N/E		Dry		N/E		2.35	21.01																
WS18	PIPE1 (50mm)	07/02/2022	09:37:00	34.86	N/E		Dry		N/E		2.28	32.58																
WS19	PIPE1 (50mm)	07/02/2022	15:10:00	34.87	N/E		Dry		N/E		3.67	31.20																
WS20	PIPE1 (50mm)	07/02/2022	14:55:00	36.71	N/E		Dry		N/E		2.87	33.84																
WS21	PIPE1 (50mm)	07/02/2022	14:15:00	40.07	N/E		Dry		N/E		2.94	37.13																
WS22	PIPE1 (50mm)	08/02/2022	11:20:00	50.76	N/E		Dry		N/E		4.29	46.47																
WS23	PIPE1 (50mm)	08/02/2022	11:35:00	56.22	N/E		Dry		N/E		3.23	52.99																
WS24	PIPE1 (50mm)	08/02/2022	10:25:00	57.26	N/E		Dry		N/E		3.36	53.90																
WS26	PIPE1 (50mm)	08/02/2022	09:45:00	56.12	N/E		Dry		N/E		2.97	53.15																
WS28	PIPE1 (50mm)	08/02/2022	10:05:00	55.13	N/E		Dry		N/E		2.71	52.42																
WS29	PIPE1 (50mm)	09/02/2022	12:14:00	43.35	N/E		3.38	39.97	N/E		4.33	39.02	1018	10.9	9.4	7.9	572.8	815.1	76.1	108.9	1745.8	0.4	1.0	0.5	S	0.95	16	EW1	Brown. Medium recharge rate.
WS30	PIPE1 (50mm)	09/02/2022	13:30:00	47.97	N/E		Dry		N/E		3.84	44.13																
WS31	PIPE1 (50mm)	09/02/2022	11:12:00	47.11	N/E		3.37	43.74	N/E		4.40	42.71	1018	14.8	9.5	7.5	432.9	614.4	58.0	155.2	2310.1	0.3	1.0	0.4	S	1.03	10	EW1	Brown and slightly sandy. Slow recharge rate.
WS33	PIPE1 (50mm)	09/02/2022	14:54:00	50.08	N/E		0.81	49.27	N/E		4.61	45.47	1019	12.5	10.2	8.4	618.0	861.8	65.8	75.9	1618.3	0.4	1.0	0.6	S	3.80	15	EW1	Off-white, becoming translucent. Slow recharge rate.
WS34	PIPE1 (50mm)	07/02/2022	10:30:00	21.05	N/E		Dry		N/E		1.63	19.42																
WS40	PIPE1 (50mm)	08/02/2022	13:10:00	39.62	N/E		Dry		N/E		5.74	33.88																
WS41	PIPE1 (50mm)	08/02/2022	12:35:00	37.37	N/E		Dry		N/E		5.69	31.68																

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	07/03/2022: Cloudy and dry; 08/03/2022: Sunny and dry; 09/03/2022: Sunny and dry
Date:	07/03/2022 - 09/03/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	07/03/2022: 3 Morning, 3 Lunch; 08/03/2022: 3 Morning, 3 Lunch; 09/03/2022: 2 Morning, 2 Lunch

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Ogunniyi

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BHR29	PIPE1 (50mm)	08/03/2022	08:53:00	23.48	N/E		10.34	13.14	N/E		29.45	-5.97														19.11			
BHR30	PIPE1 (50mm)	08/03/2022	09:50:00	37.11	N/E		Dry		N/E		8.38	28.73																	
BHR31	PIPE1 (19mm)	08/03/2022	09:35:00	37.91	N/E		Dry		N/E		13.69	24.22																	
BHR32	PIPE1 (50mm)	08/03/2022	12:14:00	54.91	N/E		18.57	36.34	N/E		25.54	29.37														6.97			
BHR33	PIPE1 (50mm)	07/03/2022	11:17:00	44.17	N/E		7.67	36.50	N/E		40.10	4.07														32.43			
BHR34	PIPE1 (50mm)	07/03/2022	11:02:00	46.40	N/E		Dry		N/E		5.26	41.14																	
BHR35	PIPE1 (50mm)	07/03/2022	11:25:00	36.18	N/E		-0.53	36.71	N/E		7.27	28.91														7.80			Water sitting in standpipe above ground level.
CP01	PIPE1 (19mm)	09/03/2022	10:08:00	24.43	N/E		Dry		N/E		6.90	17.53																	
CP02	PIPE1 (50mm)	09/03/2022	10:00:00	25.69	N/E		Dry		N/E		5.56	20.13																	
CP03	PIPE1 (50mm)	09/03/2022	09:33:00	16.84	N/E		Dry		N/E		1.93	14.91																	
CP04	PIPE1 (19mm)	08/03/2022	10:38:00	22.90	N/E		2.84	20.06	N/E		2.86	20.04														0.02			
CP05	PIPE1 (50mm)	08/03/2022	11:42:00	18.47	N/E		Dry		N/E		3.87	14.60																	
CP06	PIPE1 (50mm)	08/03/2022	11:19:00	39.60	N/E		Dry		N/E		6.94	32.66																	
CP07	PIPE1 (50mm)	08/03/2022	11:05:00	40.10	N/E		Dry		N/E		3.89	36.21																	
CP08	PIPE1 (50mm)	07/03/2022	12:08:00	55.71	N/E		Dry		N/E		10.21	45.50																	
CP09	PIPE1 (19mm)	07/03/2022	10:38:00	52.77	N/E		Dry		N/E		6.99	45.78																	
CP10	PIPE1 (19mm)	07/03/2022	10:40:00	49.43	N/E		Dry		N/E		5.70	43.73																	
CP11	PIPE1 (50mm)	07/03/2022	08:50:00	50.86	N/E		Dry		N/E		11.81	39.05																	
CP12	PIPE1 (50mm)	07/03/2022	09:05:00	51.68	N/E		9.21	42.47	N/E		9.50	42.18														0.29			
CP13A	PIPE1 (19mm)	07/03/2022	09:13:00	50.58	N/E		Dry		N/E		6.14	44.44																	
WS01	PIPE1 (50mm)	09/03/2022	10:35:00	21.25	N/E		Dry		N/E		4.12	17.13																	
WS02	PIPE1 (19mm)	09/03/2022	10:39:00	22.44	N/E		Dry		N/E		4.65	17.79																	
WS03	PIPE1 (50mm)	09/03/2022	09:17:00	19.55	N/E		Dry		N/E		4.11	15.44																	
WS04	PIPE1 (50mm)	09/03/2022	09:48:00	21.74	N/E		Dry		N/E		2.50	19.24																	
WS05	PIPE1 (50mm)	09/03/2022	08:27:00	12.06	N/E		3.00	9.06	N/E		3.30	8.76														0.30			
WS06	PIPE1 (50mm)	09/03/2022	08:16:00	13.05	N/E		3.66	9.39	N/E		4.82	8.23														1.16			
WS07	PIPE1 (50mm)	09/03/2022	08:51:00	10.16	N/E		1.03	9.13	N/E		2.18	7.98														1.15			
WS15	PIPE1 (50mm)	08/03/2022	11:32:00	27.32	N/E		Dry		N/E		3.94	23.38																	
WS16	PIPE1 (50mm)	08/03/2022	09:01:00	23.36	N/E		Dry		N/E		2.38	20.98																	
WS18	PIPE1 (50mm)	08/03/2022	09:18:00	34.86	N/E		Dry		N/E		2.29	32.57																	
WS19	PIPE1 (50mm)	08/03/2022	09:30:00	34.87	N/E		Dry		N/E		3.67	31.20																	
WS20	PIPE1 (50mm)	08/03/2022	09:43:00	36.71	N/E		Dry		N/E		2.87	33.84																	
WS21	PIPE1 (50mm)	08/03/2022	10:06:00	40.07	N/E		Dry		N/E		2.94	37.13																	
WS22	PIPE1 (50mm)	07/03/2022	13:19:00	50.76	N/E		Dry		N/E		3.80	46.96																	
WS23	PIPE1 (50mm)	07/03/2022	13:06:00	56.22	N/E		Dry		N/E		3.23	52.99																	
WS24	PIPE1 (50mm)	07/03/2022	11:48:00	57.26	N/E		Dry		N/E		3.38	53.88																	
WS26	PIPE1 (50mm)	07/03/2022	11:59:00	56.12	N/E		Dry		N/E		2.97	53.15																	
WS28	PIPE1 (50mm)	07/03/2022	12:31:00	55.13	N/E		Dry		N/E		2.73	52.40																	
WS29	PIPE1 (50mm)	07/03/2022	10:10:00	43.35	N/E		2.96	40.39	N/E		4.46	38.89														1.50			
WS30	PIPE1 (50mm)	07/03/2022	09:57:00	47.97	N/E		Dry		N/E		3.89	44.08																	
WS31	PIPE1 (50mm)	07/03/2022	09:41:00	47.11	N/E		2.96	44.15	N/E		4.39	42.72														1.43			
WS33	PIPE1 (50mm)	07/03/2022	09:22:00	50.08	N/E		0.57	49.51	N/E		4.63	45.45														4.06			
WS34	PIPE1 (50mm)	09/03/2022	10:18:00	21.05	N/E		Dry		N/E		1.65	19.40																	
WS40	PIPE1 (50mm)	09/03/2022	11:19:00	39.62	N/E		Dry		N/E		5.75	33.87																	
WS41	PIPE1 (50mm)	09/03/2022	11:34:00	37.37	N/E		Dry		N/E		5.79	31.58																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited
Date:	11/04/2022 - 14/04/2022	**Location:**	Norwich Western Link
Weather conditions:	11/04/2022: Sunny and dry; 12/04/2022: Cloudy and dry; 13/04/2022: Cloudy and dry; 14/04/2022: Cloudy and dry		
Wind Speed (Beaufort Scale):	11/04/2022: 1 Morning, 1 Lunch; 12/04/2022: 1 Morning, 1 Lunch; 13/03/2022: 2 Morning; 14/04/2022: 1 Morning		

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Ogunniyi

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings: Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)	Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
BHR29	PIPE1 (50mm)	12/04/2022	08:50:00	23.48	N/E		10.46	13.02	N/E		29.45	-5.97														18.99			
BHR30	PIPE1 (50mm)	12/04/2022	09:56:00	37.11	N/E		Dry		N/E		8.34	28.77																	
BHR31	PIPE1 (19mm)	12/04/2022	09:46:00	37.91	N/E		Dry		N/E		13.70	24.21																	
BHR32	PIPE1 (50mm)	11/04/2022	11:33:00	54.91	N/E		18.60	36.31	N/E		26.12	28.79														7.52			
BHR33	PIPE1 (50mm)	11/04/2022	10:34:00	44.17	N/E		7.70	36.47	N/E		40.13	4.04														32.43			
BHR34	PIPE1 (50mm)	11/04/2022	10:22:00	46.40	N/E		Dry		N/E		5.25	41.15																	
BHR35	PIPE1 (50mm)	11/04/2022	10:28:00	36.18	N/E		-0.53	36.71	N/E		7.27	28.91														7.80			Water sitting in standpipe above ground level.
CP01	PIPE1 (19mm)	13/04/2022	10:12:00	24.43	N/E		Dry		N/E		7.00	17.43																	
CP02	PIPE1 (50mm)	13/04/2022	10:03:00	25.69	N/E		Dry		N/E		5.59	20.10																	
CP03	PIPE1 (50mm)	13/04/2022	09:32:00	16.84	N/E		Dry		N/E		1.95	14.89																	
CP04	PIPE1 (19mm)	12/04/2022	11:53:00	22.90	N/E		2.84	20.06	N/E		2.86	20.04														0.02			
CP05	PIPE1 (50mm)	12/04/2022	11:33:00	18.47	N/E		Dry		N/E		3.87	14.60																	
CP06	PIPE1 (50mm)	12/04/2022	11:12:00	39.60	N/E		Dry		N/E		6.98	32.62																	
CP07	PIPE1 (50mm)	12/04/2022	10:33:00	40.10	N/E		Dry		N/E		3.88	36.22																	
CP08	PIPE1 (50mm)	11/04/2022	11:24:00	55.71	N/E		Dry		N/E		10.16	45.55																	
CP09	PIPE1 (19mm)	11/04/2022	10:05:00	52.77	N/E		Dry		N/E		6.98	45.79																	
CP10	PIPE1 (19mm)	11/04/2022	10:08:00	49.43	N/E		Dry		N/E		5.69	43.74																	
CP11	PIPE1 (50mm)	11/04/2022	09:11:00	50.86	N/E		Dry		N/E		11.80	39.06																	
CP12	PIPE1 (50mm)	11/04/2022	09:01:00	51.68	N/E		9.31	42.37	N/E		9.43	42.25														0.12			
CP13A	PIPE1 (19mm)	11/04/2022	08:44:00	50.58	N/E		Dry		N/E		6.11	44.47																	
WS01	PIPE1 (50mm)	13/04/2022	10:38:00	21.25	N/E		Dry		N/E		4.11	17.14																	
WS02	PIPE1 (19mm)	13/04/2022	10:43:00	22.44	N/E		Dry		N/E		4.67	17.77																	
WS03	PIPE1 (50mm)	13/04/2022	09:16:00	19.55	N/E		Dry		N/E		4.09	15.46																	
WS04	PIPE1 (50mm)	13/04/2022	09:47:00	21.74	N/E		Dry		N/E		2.50	19.24																	
WS05	PIPE1 (50mm)	14/04/2022	07:55:00	12.06	N/E		3.06	9.00	N/E		3.29	8.77														0.23			
WS06	PIPE1 (50mm)	14/04/2022	07:44:00	13.05	N/E		3.79	9.26	N/E		4.82	8.23														1.03			
WS07	PIPE1 (50mm)	14/04/2022	08:05:00	10.16	N/E		1.37	8.79	N/E		2.20	7.96														0.83			
WS15	PIPE1 (50mm)	12/04/2022	11:23:00	27.32	N/E		Dry		N/E		3.96	23.36																	
WS16	PIPE1 (50mm)	12/04/2022	09:07:00	23.36	N/E		Dry		N/E		2.38	20.98																	
WS18	PIPE1 (50mm)	12/04/2022	09:20:00	34.86	N/E		Dry		N/E		2.29	32.57																	
WS19	PIPE1 (50mm)	12/04/2022	09:31:00	34.87	N/E		Dry		N/E		3.67	31.20																	
WS20	PIPE1 (50mm)	12/04/2022	09:41:00	36.71	N/E		Dry		N/E		2.87	33.84																	
WS21	PIPE1 (50mm)	12/04/2022	10:06:00	40.07	N/E		Dry		N/E		2.94	37.13																	
WS22	PIPE1 (50mm)	11/04/2022	12:19:00	50.76	N/E		Dry		N/E		3.79	46.97																	
WS23	PIPE1 (50mm)	11/04/2022	12:07:00	56.22	N/E		Dry		N/E		3.26	52.96																	
WS24	PIPE1 (50mm)	11/04/2022	11:05:00	57.26	N/E		Dry		N/E		3.38	53.88																	
WS26	PIPE1 (50mm)	11/04/2022	11:15:00	56.12	N/E		Dry		N/E		2.96	53.16																	
WS28	PIPE1 (50mm)	11/04/2022	11:48:00	55.13	N/E		Dry		N/E		2.71	52.42																	
WS29	PIPE1 (50mm)	11/04/2022	09:48:00	43.35	N/E		3.41	39.94	N/E		4.39	38.96														0.98			
WS30	PIPE1 (50mm)	11/04/2022	09:40:00	47.97	N/E		Dry		N/E		3.82	44.15																	
WS31	PIPE1 (50mm)	11/04/2022	09:29:00	47.11	N/E		3.32	43.79	N/E		4.36	42.75														1.04			
WS33	PIPE1 (50mm)	11/04/2022	08:44:00	50.08	N/E		1.10	48.98	N/E		4.63	45.45														3.53			
WS34	PIPE1 (50mm)	13/04/2022	10:22:00	21.05	N/E		Dry		N/E		1.65	19.40																	
WS40	PIPE1 (50mm)	12/04/2022	10:43:00	39.62	N/E		Dry		N/E		5.72	33.90																	
WS41	PIPE1 (50mm)	12/04/2022	10:56:00	37.37	N/E		Dry		N/E		5.79	31.58																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	09/05/2022: Cloudy and dry; 10/05/2022: Cloudy and dry; 11/05/2022: Cloudy and wet
Date:	09/05/2022 - 11/05/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	09/05/2022: 2 Morning, 1 Lunch; 10/05/2022: 1 Morning, 2 Lunch; 11/05/2022: 2 Morning

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Ogunniyi

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BHR29	PIPE1 (50mm)	10/05/2022	09:18:00	23.48	N/E		10.64	12.84	N/E		29.48	-6.00														18.84			
BHR30	PIPE1 (50mm)	10/05/2022	10:18:00	37.11	N/E		Dry		N/E		8.01	29.10																	
BHR31	PIPE1 (19mm)	10/05/2022	10:10:00	37.91	N/E		Dry		N/E		19.02	18.89																	
BHR32	PIPE1 (50mm)	09/05/2022	12:41:00	54.91	N/E		18.61	36.30	N/E		26.22	28.69														7.61			
BHR33	PIPE1 (50mm)	09/05/2022	09:27:00	44.17	N/E		7.74	36.43	N/E		40.10	4.07														32.36			
BHR34	PIPE1 (50mm)	09/05/2022	09:17:00	46.40	N/E		Dry		N/E		5.26	41.14																	
BHR35	PIPE1 (50mm)	09/05/2022	09:35:00	36.18	N/E		-0.65	36.83	N/E		10.95	25.23														11.60			Water sitting in standpipe above ground level.
CP01	PIPE1 (19mm)	11/05/2022	10:30:00	24.43	N/E		Dry		N/E		7.00	17.43																	
CP02	PIPE1 (50mm)	11/05/2022	10:21:00	25.69	N/E		Dry		N/E		5.58	20.11																	
CP03	PIPE1 (50mm)	11/05/2022	09:59:00	16.84	N/E		Dry		N/E		1.94	14.90																	
CP04	PIPE1 (19mm)	10/05/2022	12:09:00	22.90	N/E		2.84	20.06	N/E		2.86	20.04														0.02			
CP05	PIPE1 (50mm)	10/05/2022	11:56:00	18.47	N/E		Dry		N/E		3.87	14.60																	
CP06	PIPE1 (50mm)	10/05/2022	11:36:00	39.60	N/E		Dry		N/E		6.95	32.65																	
CP07	PIPE1 (50mm)	10/05/2022	10:49:00	40.10	N/E		Dry		N/E		3.88	36.22																	
CP08	PIPE1 (50mm)	09/05/2022	12:32:00	55.71	N/E		Dry		N/E		10.14	45.57																	
CP09	PIPE1 (19mm)	09/05/2022	08:59:00	52.77	N/E		Dry		N/E		4.02	48.75																	
CP10	PIPE1 (19mm)	09/05/2022	09:03:00	49.43	N/E		Dry		N/E		5.69	43.74																	
CP11	PIPE1 (50mm)	09/05/2022	09:57:00	50.86	N/E		Dry		N/E		11.80	39.06																	
CP12	PIPE1 (50mm)	09/05/2022	10:08:00	51.68	N/E		9.40	42.28	N/E		9.48	42.20														0.08			
CP13A	PIPE1 (19mm)	09/05/2022	10:14:00	50.58	N/E		Dry		N/E		6.12	44.46																	
WS01	PIPE1 (50mm)	11/05/2022	10:50:00	21.25	N/E		Dry		N/E		4.12	17.13																	
WS02	PIPE1 (19mm)	11/05/2022	10:59:00	22.44	N/E		Dry		N/E		4.66	17.78																	
WS03	PIPE1 (50mm)	11/05/2022	09:44:00	19.55	N/E		Dry		N/E		4.09	15.46																	
WS04	PIPE1 (50mm)	11/05/2022	10:11:00	21.74	N/E		Dry		N/E		2.50	19.24																	
WS05	PIPE1 (50mm)	11/05/2022	09:12:00	12.06	N/E		Dry		N/E		3.30	8.76																	
WS06	PIPE1 (50mm)	11/05/2022	09:01:00	13.05	N/E		4.02	9.03	N/E		4.81	8.24														0.79			
WS07	PIPE1 (50mm)	11/05/2022	09:20:00	10.16	N/E		1.38	8.78	N/E		2.20	7.96														0.82			
WS15	PIPE1 (50mm)	10/05/2022	11:46:00	27.32	N/E		Dry		N/E		3.95	23.37																	
WS16	PIPE1 (50mm)	10/05/2022	09:31:00	23.36	N/E		Dry		N/E		2.41	20.95																	
WS18	PIPE1 (50mm)	10/05/2022	09:44:00	34.86	N/E		Dry		N/E		2.29	32.57																	
WS19	PIPE1 (50mm)	10/05/2022	09:54:00	34.87	N/E		Dry		N/E		3.66	31.21																	
WS20	PIPE1 (50mm)	10/05/2022	10:04:00	36.71	N/E		Dry		N/E		2.87	33.84																	
WS21	PIPE1 (50mm)	10/05/2022	10:32:00	40.07	N/E		Dry		N/E		2.94	37.13																	
WS22	PIPE1 (50mm)	09/05/2022	13:40:00	50.76	N/E		Dry		N/E		3.78	46.98																	
WS23	PIPE1 (50mm)	09/05/2022	13:29:00	56.22	N/E		Dry		N/E		3.22	53.00																	
WS24	PIPE1 (50mm)	09/05/2022	12:14:00	57.26	N/E		Dry		N/E		3.37	53.89																	
WS26	PIPE1 (50mm)	09/05/2022	12:25:00	56.12	N/E		Dry		N/E		2.96	53.16																	
WS28	PIPE1 (50mm)	09/05/2022	12:53:00	55.13	N/E		Dry		N/E		2.71	52.42																	
WS29	PIPE1 (50mm)	09/05/2022	11:18:00	43.35	N/E		3.69	39.66	N/E		4.40	38.95														0.71			
WS30	PIPE1 (50mm)	09/05/2022	11:06:00	47.97	N/E		Dry		N/E		3.89	44.08																	
WS31	PIPE1 (50mm)	09/05/2022	10:54:00	47.11	N/E		3.60	43.51	N/E		4.38	42.73														0.78			
WS33	PIPE1 (50mm)	09/05/2022	10:23:00	50.08	N/E		1.63	48.45	N/E		4.63	45.45														3.00			Bailed approx. 11L from standpipe. Groundwater rose from 4.58mbgl to 4.33mbgl after 3hrs 23mins.
WS34	PIPE1 (50mm)	11/05/2022	10:37:00	21.05	N/E		Dry		N/E		1.65	19.40																	
WS40	PIPE1 (50mm)	10/05/2022	10:59:00	39.62	N/E		Dry		N/E		5.73	33.89																	
WS41	PIPE1 (50mm)	10/05/2022	11:11:00	37.37	N/E		Dry		N/E		5.79	31.58																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	18/07/2022: Sunny and dry; 19/07/2022: Sunny and dry
Date:	18/07/2022 - 19/07/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	18/07/2022: 1 Morning, 1 Lunch; 19/07/2022: 1 Morning, 1 Lunch

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Ogunniyi

Remarks: Water level monitoring only

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BHR29	PIPE1 (50mm)	18/07/2022		23.48	N/E		11.01	12.47	N/E		29.47	-5.99														18.46			
BHR30	PIPE1 (50mm)	18/07/2022		37.11	N/E		Dry		N/E		8.03	29.08																	
BHR31	PIPE1 (19mm)	18/07/2022		37.91	N/E		13.99	23.92	N/E		14.02	23.89														0.03			
BHR32	PIPE1 (50mm)	18/07/2022		54.91	N/E		18.68	36.23	N/E		26.35	28.56														7.67			
BHR33	PIPE1 (50mm)	18/07/2022		44.17	N/E		7.90	36.27	N/E		40.29	3.88														32.39			
BHR34	PIPE1 (50mm)	18/07/2022		46.40	N/E		Dry		N/E		5.28	41.12																	
BHR35	PIPE1 (50mm)	18/07/2022		36.18	N/E		-0.75	36.93	N/E		11.01	25.17														11.76			Water sitting in standpipe above ground level.
CP01	PIPE1 (19mm)	19/07/2022		24.43	N/E		Dry		N/E		7.00	17.43																	
CP02	PIPE1 (50mm)	19/07/2022		25.69	N/E		Dry		N/E		5.57	20.12																	
CP03	PIPE1 (50mm)	19/07/2022		16.84	N/E		Dry		N/E		1.93	14.91																	
CP04	PIPE1 (19mm)	18/07/2022		22.90	N/E		Dry		N/E		2.86	20.04																	
CP05	PIPE1 (50mm)	18/07/2022		18.47	N/E		Dry		N/E		3.87	14.60																	
CP06	PIPE1 (50mm)	18/07/2022		39.60	N/E		Dry		N/E		6.96	32.64																	
CP07	PIPE1 (50mm)	18/07/2022		40.10	N/E		Dry		N/E		3.87	36.23																	
CP08	PIPE1 (50mm)	18/07/2022		55.71	N/E		Dry		N/E		10.17	45.54																	
CP09	PIPE1 (19mm)	18/07/2022		52.77	N/E		Dry		N/E		3.97	48.80																	
CP10	PIPE1 (19mm)	18/07/2022		49.43	N/E		Dry		N/E		5.70	43.73																	
CP11	PIPE1 (50mm)	18/07/2022		50.86	N/E		Dry		N/E		11.80	39.06																	
CP12	PIPE1 (50mm)	18/07/2022		51.68	N/E		9.41	42.27	N/E		9.46	42.22														0.05			
CP13A	PIPE1 (19mm)	18/07/2022		50.58	N/E		Dry		N/E		6.12	44.46																	
WS01	PIPE1 (50mm)	19/07/2022		21.25	N/E		Dry		N/E		4.11	17.14																	
WS02	PIPE1 (19mm)	19/07/2022		22.44	N/E		Dry		N/E		4.67	17.77																	
WS03	PIPE1 (50mm)	19/07/2022		19.55	N/E		Dry		N/E		4.09	15.46																	
WS04	PIPE1 (50mm)	19/07/2022		21.74	N/E		Dry		N/E		2.49	19.25																	
WS05	PIPE1 (50mm)	19/07/2022		12.06	N/E		Dry		N/E		3.30	8.76																	
WS06	PIPE1 (50mm)	19/07/2022		13.05	N/E		4.09	8.96	N/E		4.81	8.24														0.72			
WS07	PIPE1 (50mm)	19/07/2022		10.16	N/E		1.42	8.74	N/E		2.19	7.97														0.77			
WS15	PIPE1 (50mm)	18/07/2022		27.32	N/E		Dry		N/E		3.94	23.38																	
WS16	PIPE1 (50mm)	18/07/2022		23.36	N/E		Dry		N/E		2.39	20.97																	
WS18	PIPE1 (50mm)	18/07/2022		34.86	N/E		Dry		N/E		2.29	32.57																	
WS19	PIPE1 (50mm)	18/07/2022		34.87	N/E		Dry		N/E		3.66	31.21																	
WS20	PIPE1 (50mm)	18/07/2022		36.71	N/E		Dry		N/E		2.87	33.84																	
WS21	PIPE1 (50mm)	18/07/2022		40.07	N/E		Dry		N/E		2.94	37.13																	
WS22	PIPE1 (50mm)	18/07/2022		50.76	N/E		Dry		N/E		3.78	46.98																	
WS23	PIPE1 (50mm)	18/07/2022		56.22	N/E		Dry		N/E		3.23	52.99																	
WS24	PIPE1 (50mm)	18/07/2022		57.26	N/E		Dry		N/E		3.37	53.89																	
WS26	PIPE1 (50mm)	18/07/2022		56.12	N/E		Dry		N/E		2.96	53.16																	
WS28	PIPE1 (50mm)	18/07/2022		55.13	N/E		Dry		N/E		2.72	52.41																	
WS29	PIPE1 (50mm)	18/07/2022		43.35	N/E		4.07	39.28	N/E		4.39	38.96														0.32			
WS30	PIPE1 (50mm)	18/07/2022		47.97	N/E		Dry		N/E		3.82	44.15																	
WS31	PIPE1 (50mm)	18/07/2022		47.11	N/E		4.10	43.01	N/E		4.36	42.75														0.26			
WS33	PIPE1 (50mm)	18/07/2022		50.08	N/E		3.19	46.89	N/E		4.62	45.46														1.43			
WS34	PIPE1 (50mm)	19/07/2022		21.05	N/E		Dry		N/E		1.64	19.41																	
WS40	PIPE1 (50mm)	19/07/2022		39.62	N/E		Dry		N/E		5.74	33.88																	
WS41	PIPE1 (50mm)	19/07/2022		37.37	N/E		Dry		N/E		5.79	31.58																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	12/09/2022: Sunny and dry; 13/09/2022: Sunny and dry
Date:	12/09/2022 - 13/09/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	12/09/2022: 1 Morning, 1 Lunch; 13/09/2022: 1 Morning

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Ogunniyi

Remarks: Water level monitoring only

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BHR29	PIPE1 (50mm)	12/09/2022	08:25:00	23.48	N/E		11.40	12.08	N/E		29.38	-5.90														17.98			
BHR30	PIPE1 (50mm)	12/09/2022	08:44:00	37.11	N/E		Dry		N/E		8.02	29.09																	
BHR31	PIPE1 (19mm)	12/09/2022	08:40:00	37.91	N/E		Dry		N/E		14.03	23.88																	
BHR32	PIPE1 (50mm)	12/09/2022	10:48:00	54.91	N/E		18.80	36.11	N/E		26.24	28.67														7.44			
BHR33	PIPE1 (50mm)	12/09/2022	11:26:00	44.17	N/E		8.04	36.13	N/E		40.09	4.08														32.05			
BHR34	PIPE1 (50mm)	12/09/2022	11:25:00	46.40	N/E		Dry		N/E		5.26	41.14																	
BHR35	PIPE1 (50mm)	12/09/2022	11:30:00	36.18	N/E		-0.59	36.77	N/E		10.79	25.39														11.38			Water sitting in standpipe above ground level.
CP01	PIPE1 (19mm)	13/09/2022	10:46:00	24.43	N/E		Dry		N/E		7.00	17.43																	
CP02	PIPE1 (50mm)	13/09/2022	10:34:00	25.69	N/E		Dry		N/E		5.59	20.10																	
CP03	PIPE1 (50mm)	13/09/2022	10:17:00	16.84	N/E		Dry		N/E		1.93	14.91																	
CP04	PIPE1 (19mm)	12/09/2022	08:22:00	22.90	N/E		Dry		N/E		2.86	20.04																	
CP05	PIPE1 (50mm)	12/09/2022	10:10:00	18.47	N/E		Dry		N/E		3.87	14.60																	
CP06	PIPE1 (50mm)	12/09/2022	09:37:00	39.60	N/E		Dry		N/E		6.95	32.65																	
CP07	PIPE1 (50mm)	12/09/2022	09:22:00	40.10	N/E		Dry		N/E		3.87	36.23																	
CP08	PIPE1 (50mm)	12/09/2022	10:44:00	55.71	N/E		Dry		N/E		10.14	45.57																	
CP09	PIPE1 (19mm)	12/09/2022	11:20:00	52.77	N/E		Dry		N/E		4.02	48.75																	
CP10	PIPE1 (19mm)	12/09/2022	11:23:00	49.43	N/E		Dry		N/E		5.69	43.74																	
CP11	PIPE1 (50mm)	12/09/2022	11:50:00	50.86	N/E		Dry		N/E		11.76	39.10																	
CP12	PIPE1 (50mm)	12/09/2022	11:52:00	51.68	N/E		Dry		N/E		9.49	42.19																	
CP13A	PIPE1 (19mm)	12/09/2022	11:54:00	50.58	N/E		Dry		N/E		6.13	44.45																	
WS01	PIPE1 (50mm)	13/09/2022	11:09:00	21.25	N/E		Dry		N/E		4.12	17.13																	
WS02	PIPE1 (19mm)	13/09/2022	11:15:00	22.44	N/E		Dry		N/E		4.65	17.79																	
WS03	PIPE1 (50mm)	13/09/2022	10:09:00	19.55	N/E		Dry		N/E		4.09	15.46																	
WS04	PIPE1 (50mm)	13/09/2022	10:27:00	21.74	N/E		Dry		N/E		2.50	19.24																	
WS05	PIPE1 (50mm)	13/09/2022	09:00:00	12.06	N/E		Dry		N/E		3.30	8.76																	
WS06	PIPE1 (50mm)	13/09/2022	08:50:00	13.05	N/E		4.06	8.99	N/E		4.82	8.23														0.76			
WS07	PIPE1 (50mm)	13/09/2022	08:56:00	10.16	N/E		1.41	8.75	N/E		2.20	7.96														0.79			
WS15	PIPE1 (50mm)	12/09/2022	10:07:00	27.32	N/E		Dry		N/E		3.94	23.38																	
WS16	PIPE1 (50mm)	12/09/2022	08:26:00	23.36	N/E		Dry		N/E		2.41	20.95																	
WS18	PIPE1 (50mm)	12/09/2022	08:33:00	34.86	N/E		Dry		N/E		2.29	32.57																	
WS19	PIPE1 (50mm)	12/09/2022	08:35:00	34.87	N/E		Dry		N/E		3.66	31.21																	
WS20	PIPE1 (50mm)	12/09/2022	09:20:00	36.71	N/E		Dry		N/E		2.88	33.83																	
WS21	PIPE1 (50mm)	12/09/2022	08:50:00	40.07	N/E		Dry		N/E		2.94	37.13																	
WS22	PIPE1 (50mm)	12/09/2022	11:08:00	50.76	N/E		Dry		N/E		3.78	46.98																	
WS23	PIPE1 (50mm)	12/09/2022	11:06:00	56.22	N/E		Dry		N/E		3.22	53.00																	
WS24	PIPE1 (50mm)	12/09/2022	10:37:00	57.26	N/E		Dry		N/E		3.36	53.90																	
WS26	PIPE1 (50mm)	12/09/2022	10:40:00	56.12	N/E		Dry		N/E		2.96	53.16																	
WS28	PIPE1 (50mm)	12/09/2022	11:01:00	55.13	N/E		Dry		N/E		2.71	52.42																	
WS29	PIPE1 (50mm)	12/09/2022	12:17:00	43.35	N/E		4.27	39.08	N/E		4.39	38.96														0.12			
WS30	PIPE1 (50mm)	12/09/2022	12:13:00	47.97	N/E		Dry		N/E		3.82	44.15																	
WS31	PIPE1 (50mm)	12/09/2022	12:07:00	47.11	N/E		4.28	42.83	N/E		4.36	42.75														0.08			
WS33	PIPE1 (50mm)	12/09/2022	11:58:00	50.08	N/E		3.66	46.42	N/E		4.63	45.45														0.97			
WS34	PIPE1 (50mm)	13/09/2022	10:55:00	21.05	N/E		Dry		N/E		1.65	19.40																	
WS40	PIPE1 (50mm)	13/09/2022	11:30:00	39.62	N/E		Dry		N/E		5.73	33.89																	
WS41	PIPE1 (50mm)	13/09/2022	11:38:00	37.37	N/E		Dry		N/E		5.79	31.58																	

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Groundwater Monitoring Results

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Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	13/09/2022: Cloudy and dry; 14/09/2022: Cloudy and dry; 15/09/2022: Cloudy and dry
Date:	13/09/2022 - 15/09/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	13/09/2022: 1 - 2 Morning; 14/09/2022: 2 Morning, 2 Lunch, 2 Afternoon; 15/09/2022: 1 Morning, 2 Lunch

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Cooper

Remarks: Water level monitoring only

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings: Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)	Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
BH201	PIPE1 (19mm)	14/09/2022	09:00:00	26.01	N/E		Dry		N/E		7.85	18.16																	
BH203	PIPE1 (50mm)	13/09/2022	10:13:00	15.88	N/E		Dry		N/E		3.69	12.19																	
BH206	PIPE1 (50mm)	13/09/2022	09:57:00	12.77	N/E		2.64	10.13	N/E		6.37	6.40														3.73			
BH210	PIPE1 (50mm)	13/09/2022	09:22:00	9.20	N/E		0.41	8.79	N/E		52.05	-42.85														51.64			
BH210	PIPE2 (50mm)	13/09/2022	09:13:00	9.20	N/E		0.60	8.60	N/E		1.93	7.27														1.33			
BH221	PIPE1 (50mm)	15/09/2022	11:06:00	8.89	N/E		2.02	6.87	N/E		44.52	-35.63														42.50			
BH226	PIPE1 (50mm)	15/09/2022	10:44:00	11.50	N/E		3.46	8.04	N/E		7.43	4.07														3.97			
BH228	PIPE1 (50mm)	14/09/2022	16:50:00	15.60	N/E		Dry		N/E		11.12	4.48																	
BH229	PIPE1 (50mm)	14/09/2022	16:32:00	24.06	N/E		Dry		N/E		5.63	18.43																	
BH231	PIPE1 (50mm)	14/09/2022	16:13:00	25.08	N/E		20.06	5.02	N/E		24.74	0.34														4.68			
BH233	PIPE1 (50mm)	14/09/2022	11:34:00	29.67	N/E		20.70	8.97	N/E		24.56	5.11														3.86			
BH233	PIPE2 (50mm)	14/09/2022	11:09:00	29.67	N/E		Dry		N/E		3.73	25.94																	
BH235	PIPE1 (50mm)	14/09/2022	11:41:00	31.38	N/E		Dry		N/E		15.01	16.37																	
BH235	PIPE2 (19mm)	14/09/2022	10:50:00	31.38	N/E		Dry		N/E		7.39	23.99																	
BH236	PIPE1 (19mm)	14/09/2022	12:10:00	34.69	N/E		Dry		N/E		6.32	28.37																	
BH237	PIPE1 (50mm)	14/09/2022	11:57:00	35.65	N/E		Dry		N/E		9.92	25.73																	
BH241	PIPE1 (50mm)	14/09/2022	12:46:00	39.48	N/E		Dry		N/E		10.28	29.20																	
BH243	PIPE1 (50mm)	14/09/2022	13:02:00	40.20	N/E		Dry		N/E		12.18	28.02																	
BH245	PIPE1 (19mm)	14/09/2022	10:00:00	23.23	N/E		Dry		N/E		2.37	20.86																	
BH246	PIPE1 (50mm)	15/09/2022	09:24:00	23.93	N/E		Dry		N/E		2.74	21.19																	
WS211	PIPE1 (50mm)	15/09/2022	09:00:00	23.98	N/E		Dry		N/E		2.67	21.31																	
WS212	PIPE1 (50mm)	15/09/2022	10:20:00	22.00	N/E		Dry		N/E		3.18	18.82																	
WS213	PIPE1 (50mm)	15/09/2022	10:57:00	15.42	N/E		Dry		N/E		4.49	10.93																	
WS215	PIPE1 (50mm)	15/09/2022	08:45:00	16.21	N/E		Dry		N/E		1.91	14.30																	
WS216	PIPE1 (50mm)	15/09/2022	08:31:00	21.58	N/E		Dry		N/E		1.81	19.77																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	17/10/2022: Cloudy and dry; 18/10/2022: Cloudy and dry; 20/10/2022: Cloudy and wet
Date:	17/10/2022 - 20/10/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	17/10/2022: 3 Morning, 3 - 4 Lunch, 2 - 3 Afternoon; 18/10/2022: 1 - 2 Morning, 1 - 2 Lunch, 2 - 3 Afternoon; 20/10/2022: 2 Afternoon

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Cooper / C. McMorran / J. Burch

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BH201	PIPE1 (19mm)	18/10/2022	09:30:00	26.01	N/E		Dry		N/E		7.85	18.16																	
BH203	PIPE1 (50mm)	17/10/2022	15:47:00	15.88	N/E		Dry		N/E		3.73	12.15																	
BH206	PIPE1 (50mm)	18/10/2022	13:15:00	12.77	N/E		2.83	9.94	N/E		6.41	6.36	1030	13.6	21.9	7.3	582.5	744.3	55.1	116.7	1717	0.4	1.0	0.5	S	3.58	75	EW1	Brown becoming translucent. Fast recharge rate.
BH210	PIPE1 (50mm)	18/10/2022	13:58:00	9.20	N/E		0.86	8.34	N/E		52.05	-42.85	1030	11.7	26.7	7.8	371.2	497.0	20.8	-52.2	2694	0.2	1.0	0.3	I	51.19	350	EW1D	Cream to white. Sulphurous odour. Fast recharge rate.
BH210	PIPE2 (50mm)	18/10/2022	13:39:00	9.20	N/E		0.86	8.34	N/E		1.81	7.39	1030	13.4	24.3	7.2	633.7	814.1	5.5	-101.6	1578	0.4	1.0	0.5	S	0.95	30	EW1S	Grey becoming clear. Fast recharge rate.
BH221	PIPE1 (50mm)	18/10/2022	10:49:00	8.89	N/E		0.45	8.44	N/E		44.50	-35.61	1030	11.9	27.4	8.1	975.0	1300.6	25.6	-102.7	1026	0.7	1.0	0.8	I	44.05	325	EW1	Light grey becoming translucent. Sulphurous odour. Fast recharge rate.
BH226	PIPE1 (50mm)	17/10/2022	15:38:00	11.50	N/E		2.99	8.51	N/E		7.56	3.94	1019	12.3	21.2	6.9	1760.9	2326.9	41.6	-94.1	568	1.2	1.0	1.5	S	4.57	75	EW1	Dark grey becoming white with foam. Sulphurous odour. Fast recharge rate.
BH228	PIPE1 (50mm)	17/10/2022	10:30:00	15.60	N/E		Dry		N/E		11.17	4.43																	
BH229	PIPE1 (50mm)	17/10/2022	08:57:00	24.06	N/E		Dry		N/E		5.29	18.77																	
BH231	PIPE1 (50mm)	17/10/2022	11:53:00	25.08	N/E		15.38	9.70	N/E		24.80	0.28	1015	11.8	20.6	7.5	576.8	772.1	79.4	147.8	1734	0.4	1.0	0.5	I	9.42	170	EW1	Cream becoming tanslucent. Fast recharge rate.
BH233	PIPE1 (50mm)	18/10/2022	15:05:00	29.67	N/E		20.15	9.52	N/E		24.40	5.27	1027	11.1	14.4	7.4	518.0	705.7	76.4	104.5	1931	0.3	1.0	0.5	I	4.25	100	EW1	White becoming translucent. Fast recharge rate.
BH233	PIPE2 (50mm)	17/10/2022	14:29:00	29.67	N/E		Dry		N/E		3.72	25.95																	
BH235	PIPE1 (50mm)	17/10/2022	15:01:00	31.38	N/E		Dry		N/E		15.00	16.38																	
BH235	PIPE2 (19mm)	17/10/2022	14:55:00	31.38	N/E		Dry		N/E		7.36	24.02																	
BH236	PIPE1 (19mm)	17/10/2022	15:15:00	34.69	N/E		Dry		N/E		6.31	28.38																	
BH237	PIPE1 (50mm)	17/10/2022	15:10:00	35.65	N/E		Dry		N/E		9.89	25.76																	
BH241	PIPE1 (50mm)	17/10/2022	15:23:00	39.48	N/E		Dry		N/E		10.29	29.19																	
BH243	PIPE1 (50mm)	20/10/2022	09:45:00	40.20	N/E		Dry		N/E		12.26	27.94																	
BH245	PIPE1 (19mm)	17/10/2022	12:35:00	23.23	N/E		Dry		N/E		2.37	20.86																	
BH246	PIPE1 (50mm)	17/10/2022	12:51:00	23.93	N/E		Dry		N/E		2.74	21.19																	
WS211	PIPE1 (50mm)	17/10/2022	12:30:00	23.98	N/E		Dry		N/E		2.67	21.31																	
WS212	PIPE1 (50mm)	17/10/2022	13:01:00	22.00	N/E		Dry		N/E		3.21	18.79																	
WS213	PIPE1 (50mm)	17/10/2022	10:10:00	15.42	N/E		Dry		N/E		4.48	10.94																	
WS215	PIPE1 (50mm)	18/10/2022	09:14:00	16.21	N/E		Dry		N/E		1.88	14.33																	
WS216	PIPE1 (50mm)	18/10/2022	09:29:00	21.58	N/E		Dry		N/E		1.73	19.85																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	14/11/2022: Cloudy and dry; 15/11/2022: Cloudy and dry
Date:	14/11/2022 - 15/11/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	14/11/2022: 4 Morning, 4 Lunch, 2 Afternoon; 15/11/2022: 5 Morning, 7 Lunch

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover. [2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump. Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Cooper Remarks: Water level monitoring only

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings: Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)	Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
BH201	PIPE1 (19mm)	14/11/2022	12:15:00	26.01	N/E		Dry		N/E		7.85	18.16																	
BH203	PIPE1 (50mm)	14/11/2022	07:40:00	15.88	N/E		Dry		N/E		3.65	12.23																	
BH206	PIPE1 (50mm)	14/11/2022	08:03:00	12.77	N/E		2.62	10.15	N/E		6.00	6.77														3.38			
BH210	PIPE1 (50mm)	14/11/2022	08:27:00	9.20	N/E		1.37	7.83	N/E		52.05	-42.85														50.68			
BH210	PIPE2 (50mm)	14/11/2022	08:22:00	9.20	N/E		0.82	8.38	N/E		1.77	7.43														0.95			
BH221	PIPE1 (50mm)	15/11/2022	10:16:00	8.89	N/E		0.48	8.41	N/E		44.09	-35.20														43.61			
BH226	PIPE1 (50mm)	15/11/2022	10:23:00	11.50	N/E		3.01	8.49	N/E		7.57	3.93														4.56			
BH228	PIPE1 (50mm)	15/11/2022	10:40:00	15.60	N/E		Dry		N/E		11.09	4.51																	
BH229	PIPE1 (50mm)	15/11/2022	10:58:00	24.06	N/E		Dry		N/E		5.33	18.73																	
BH231	PIPE1 (50mm)	15/11/2022	10:50:00	25.08	N/E		20.16	4.92	N/E		24.45	0.63														4.29			
BH233	PIPE1 (50mm)	14/11/2022	13:22:00	29.67	N/E		20.02	9.65	N/E		24.40	5.27														4.38			
BH233	PIPE2 (50mm)	14/11/2022	13:15:00	29.67	N/E		Dry		N/E		3.72	25.95																	
BH235	PIPE1 (50mm)	14/11/2022	13:34:00	31.38	N/E		Dry		N/E		15.00	16.38																	
BH235	PIPE2 (19mm)	14/11/2022	13:40:00	31.38	N/E		Dry		N/E		7.39	23.99																	
BH236	PIPE1 (19mm)	14/11/2022	13:40:00	34.69	N/E		Dry		N/E		6.31	28.38																	
BH237	PIPE1 (50mm)	14/11/2022	13:45:00	35.65	N/E		Dry		N/E		9.90	25.75																	
BH241	PIPE1 (50mm)	14/11/2022	14:20:00	39.48	N/E		Dry		N/E		10.29	29.19																	
BH243	PIPE1 (50mm)	14/11/2022	14:29:00	40.20	N/E		Dry		N/E		12.25	27.95																	
BH245	PIPE1 (19mm)	14/11/2022	14:45:00	23.23	N/E		Dry		N/E		2.37	20.86																	
BH246	PIPE1 (50mm)	15/11/2022	09:39:00	23.93	N/E		Dry		N/E		2.73	21.20																	
WS211	PIPE1 (50mm)	15/11/2022	09:27:00	23.98	N/E		Dry		N/E		2.70	21.28																	
WS212	PIPE1 (50mm)	15/11/2022	09:50:00	22.00	N/E		Dry		N/E		3.21	18.79																	
WS213	PIPE1 (50mm)	15/11/2022	10:34:00	15.42	N/E		Dry		N/E		4.47	10.95																	
WS215	PIPE1 (50mm)	14/11/2022	08:59:00	16.21	N/E		Dry		N/E		1.88	14.33																	
WS216	PIPE1 (50mm)	14/11/2022	13:01:00	21.58	N/E		Dry		N/E		1.73	19.85																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	12/12/2022: Cloudy and dry; 12/12/2022: Cloudy and dry
Date:	12/12/2022 - 13/12/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	12/12/2022: 2 Morning, 3 Lunch; 15/11/2022: 1 Lunch, 0 Afternoon

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover. [2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump. Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Cooper / C. McMorran / T. Leather-Younghusband

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings: Aqua TROLL 500 Multiparameter Sonde / 658864												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BH201	PIPE1 (19mm)	12/12/2022	08:45:00	26.01	N/E		Dry		N/E		7.85	18.16																	
BH203	PIPE1 (50mm)	12/12/2022	09:57:00	15.88	N/E		Dry		N/E		3.65	12.23																	
BH206	PIPE1 (50mm)	12/12/2022	11:42:00	12.77	N/E		2.65	10.12	N/E		6.37	6.40	1012	7.7	11.3	7.3	646.5	875.7	62.3	-5.7	1547	0.4	1.0	0.6	P	3.72	30	EW1a	Cream becoming translucent with orangish brown tinge.
BH210	PIPE1 (50mm)	12/12/2022	10:42:00	9.20	N/E		0.41	8.79	N/E		52.05	-42.85	1012	4.8	10.3	7.6	442.3	616.1	15.5	-15.9	2263	0.3	1.0	0.4	P	51.64	325	EW1Da	Green. Sulphurous odour.
BH210	PIPE2 (50mm)	12/12/2022	10:53:00	9.20	N/E		0.77	8.43	N/E		1.96	7.24	1012	4.4	10.0	7.0	1062.0	1487.6	3.9	-122.1	942	0.7	1.0	1.0	S	1.19	25	EW1Sa	Clear. Black staining on in-situ sampling pipework.
BH221	PIPE1 (50mm)	12/12/2022	14:19:00	8.89	N/E		0.17	8.72	N/E		44.23	-35.34	1011	4.6	9.9	7.7	1215.5	1708.4	36.8	-103.9	823	0.9	1.0	1.1	S	44.06	400	EW1a	Clear. Sulphurous odour.
BH226	PIPE1 (50mm)	12/12/2022	15:26:00	11.50	N/E		2.69	8.81	N/E		7.59	3.91	1012	0.5	11.3	6.9	2010.7	2721.5	12.4	-59.6	497	1.4	1.0	1.8	S	4.90	100	EW1a	Cloudy. Sulphurous odour. Black staining on in-situ sampling pipework.
BH228	PIPE1 (50mm)	13/12/2022	14:10:00	15.60	N/E		Dry		N/E		11.09	4.51																	
BH229	PIPE1 (50mm)	13/12/2022	14:35:00	24.06	N/E		Dry		N/E		5.33	18.73																	
BH231	PIPE1 (50mm)	13/12/2022	12:26:00	25.08	N/E		16.19	8.89	N/E		25.95	-0.87	1009	1.6	9.8	7.3	700.1	986.4	75.9	67.9	1428	0.5	1.0	0.6	S	9.76	175	EW1a	Clear.
BH233	PIPE1 (50mm)	13/12/2022	10:25:00	29.67	N/E		20.89	8.78	N/E		24.85	4.82	1009	4.8	9.2	7.5	628.2	901.0	85.4	16.5	1592	0.4	1.0	0.6	I	3.96	75	EW1a	Cream to translucent.
BH233	PIPE2 (50mm)	13/12/2022	11:40:00	29.67	N/E		Dry		N/E		3.72	25.95																	
BH235	PIPE1 (50mm)	13/12/2022	11:50:00	31.38	N/E		Dry		N/E		15.00	16.38																	
BH235	PIPE2 (19mm)	13/12/2022	11:55:00	31.38	N/E		Dry		N/E		7.48	23.90																	
BH236	PIPE1 (19mm)	13/12/2022	12:30:00	34.69	N/E		Dry		N/E		6.32	28.37																	
BH237	PIPE1 (50mm)	13/12/2022	12:10:00	35.65	N/E		Damp		N/E		9.90	25.75																	
BH241	PIPE1 (50mm)	13/12/2022	12:20:00	39.48	N/E		Dry		N/E		10.29	29.19																	
BH243	PIPE1 (50mm)	13/12/2022	13:20:00	40.20	N/E		Dry		N/E		12.25	27.95																	
BH245	PIPE1 (19mm)	13/12/2022	13:20:00	23.23	N/E		Dry		N/E		2.37	20.86																	
BH246	PIPE1 (50mm)	13/12/2022	14:10:00	23.93	N/E		Dry		N/E		2.73	21.20																	
WS211	PIPE1 (50mm)	13/12/2022	13:10:00	23.98	N/E		Dry		N/E		2.69	21.29																	
WS212	PIPE1 (50mm)	13/12/2022	13:25:00	22.00	N/E		Dry		N/E		3.22	18.78																	
WS213	PIPE1 (50mm)	13/12/2022	14:05:00	15.42	N/E		Dry		N/E		4.49	10.93																	
WS215	PIPE1 (50mm)	12/12/2022	08:00:00	16.21	N/E		Dry		N/E		1.88	14.33																	
WS216	PIPE1 (50mm)	12/12/2022	08:35:00	21.58	N/E		Dry		N/E		1.73	19.85																	

Kimberley Street, Norwich, NR2 2RJ

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	11/01/2023: Cloudy and dry
Date:	11/01/2023	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	11/01/2023: 4 - 5 Morning, 4 - 5 Lunch, 5 Afternoon

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Cooper

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BH201	PIPE1 (19mm)	11/01/2023	09:35:00	26.01	N/E		Dry		N/E		7.85	18.16																	
BH203	PIPE1 (50mm)	11/01/2023	10:06:00	15.88	N/E		Dry		N/E		3.66	12.22																	
BH206	PIPE1 (50mm)	11/01/2023	10:17:00	12.77	N/E		2.21	10.56	N/E		5.98	6.79														3.77			
BH210	PIPE1 (50mm)	11/01/2023	10:37:00	9.20	N/E		1.02	8.18	N/E		52.05	-42.85														51.03			
BH210	PIPE2 (50mm)	11/01/2023	10:44:00	9.20	N/E		0.87	8.33	N/E		1.77	7.43														0.90			
BH221	PIPE1 (50mm)	11/01/2023	11:11:00	8.89	N/E		-0.33	9.22	N/E		43.81	-34.92														44.14			Water sitting in standpipe above ground level.
BH226	PIPE1 (50mm)	11/01/2023	11:27:00	11.50	N/E		2.25	9.25	N/E		7.67	3.83														5.42			
BH228	PIPE1 (50mm)	11/01/2023	11:40:00	15.60	N/E		Dry		N/E		11.10	4.50																	Very silty at base.
BH229	PIPE1 (50mm)	11/01/2023	12:12:00	24.06	N/E		Dry		N/E		5.37	18.69																	
BH231	PIPE1 (50mm)	11/01/2023	12:04:00	25.08	N/E		19.43	5.65	N/E		24.43	0.65														5.00			
BH233	PIPE1 (50mm)	11/01/2023	13:02:00	29.67	N/E		19.91	9.76	N/E		24.41	5.26														4.50			
BH233	PIPE2 (50mm)	11/01/2023	12:53:00	29.67	N/E		Dry		N/E		3.73	25.94																	
BH235	PIPE1 (50mm)	11/01/2023	13:12:00	31.38	N/E		Dry		N/E		15.00	16.38																	
BH235	PIPE2 (19mm)	11/01/2023	13:15:00	31.38	N/E		Dry		N/E		7.34	24.04																	
BH236	PIPE1 (19mm)	11/01/2023	13:20:00	34.69	N/E		Dry		N/E		6.32	28.37																	
BH237	PIPE1 (50mm)	11/01/2023	13:26:00	35.65	N/E		Dry		N/E		9.99	25.66																	Very silty at base.
BH241	PIPE1 (50mm)	11/01/2023	13:43:00	39.48	N/E		Dry		N/E		10.25	29.23																	
BH243	PIPE1 (50mm)	11/01/2023	13:55:00	40.20	N/E		Dry		N/E		12.25	27.95																	
BH245	PIPE1 (19mm)	11/01/2023	14:30:00	23.23	N/E		Dry		N/E		2.37	20.86																	
BH246	PIPE1 (50mm)	11/01/2023	14:31:00	23.93	N/E		Dry		N/E		2.73	21.20																	
WS211	PIPE1 (50mm)	11/01/2023	14:37:00	23.98	N/E		Dry		N/E		2.67	21.31																	
WS212	PIPE1 (50mm)	11/01/2023	14:23:00	22.00	N/E		Dry		N/E		3.22	18.78																	
WS213	PIPE1 (50mm)	11/01/2023	11:48:00	15.42	N/E		Dry		N/E		4.48	10.94																	
WS215	PIPE1 (50mm)	11/01/2023	09:13:00	16.21	N/E		Dry		N/E		1.88	14.33																	
WS216	PIPE1 (50mm)	11/01/2023	09:28:00	21.58	N/E		Dry		N/E		1.73	19.85																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	17/10/2022: Cloudy and dry; 19/10/2022: Cloudy and dry
Date:	17/10/2022 - 19/10/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	17/10/2022: 2 - 3 Afternoon; 19/10/2022: 2 Afternoon

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. McMorran / J. Burch

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BH260	PIPE1 (50mm)	17/10/2022	14:55:00	24.63	N/E		16.00	8.63	N/E		19.75	4.88	1017	12.5	26.8	7.4	608.1	798.0	33.4	176.8	1645	0.4	1.0	0.5	S	3.75	105	EW1	Clear.
BH261	PIPE1 (50mm)	17/10/2022		49.97	N/E		4.39	45.58	N/E		4.82	45.15														0.43			Bailed dry. Water level at 4.65m 18/10/2022. Insufficient water for sampling.
BH262	PIPE1 (50mm)	19/10/2022		49.81	N/E		Dry		N/E		2.92	46.89																	
BH263	PIPE1 (50mm)	19/10/2022		50.27	N/E		5.00	45.27	N/E		5.11	45.16														0.11			Insufficient water for sampling.
BH264	PIPE1 (50mm)	19/10/2022		50.20	N/E		Damp		N/E		8.47	41.73																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	14/11/2022: Cloudy and dry; 16/11/2022: Cloudy and dry
Date:	14/11/2022 - 16/11/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	14/11/2022: 4 Morning, 4 Lunch, 2 Afternoon; 16/11/2022: 3 Morning

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover. [2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump. Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Cooper Remarks: Water level monitoring only

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings: Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)	Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
BH260	PIPE1 (50mm)	16/11/2022	08:50:00	24.63	N/E		15.84	8.79	N/E		19.58	5.05														3.74			
BH261	PIPE1 (50mm)	14/11/2022	15:10:00	49.97	N/E		Dry		N/E		4.77	45.20																	
BH262	PIPE1 (50mm)	14/11/2022	15:15:00	49.81	N/E		0.88	48.93	N/E		2.85	46.96														1.97			
BH263	PIPE1 (50mm)	14/11/2022	15:05:00	50.27	N/E		4.97	45.30	N/E		4.99	45.28														0.02			
BH264	PIPE1 (50mm)	14/11/2022	15:00:00	50.20	N/E		Dry		N/E		8.18	42.02																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	13/12/2022: Cloudy and dry
Date:	13/12/2022	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	13/112/2022: 1 Lunch, 0 Afternoon

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. McMorran / T. Leather-Younghusband

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BH260	PIPE1 (50mm)	13/12/2022	12:16:00	24.63	N/E		15.79	8.84	N/E		20.21	4.42	1009	1.5	9.6	7.4	506.8	716.7	59.4	53.9	1975	0.3	1.0	0.5	S	4.42	125	EW1a	Clear becoming dark brownish green.
BH261	PIPE1 (50mm)	13/12/2022	13:39:00	49.97	N/E		1.13	48.84	N/E		4.86	45.11	1005	2.3	10.1	7.3	804.3	1122.8	64.6	95.6	1243	0.6	1.0	0.7	S	3.73	30	EW1a	Clear. Sample from pre-purged water due to slow recharge rate.
BH262	PIPE1 (50mm)	13/12/2022	13:51:00	49.81	N/E		0.90	48.91	N/E		2.82	46.99	1005	1.5	9.1	8.2	4398.9	6316.9	7.4	82.7	227	3.4	1.0	4.1	S	1.92	15	EW1a	Brown becoming clear. Sample from pre-purged water due to slow recharge rate.
BH263	PIPE1 (50mm)	13/12/2022	14:03:00	50.27	N/E		1.08	49.19	N/E		5.11	45.16	1005	1.2	10.3	7.4	747.4	1039.3	79.2	91.8	1338	0.5	1.0	0.7	S	4.03	20	EW1a	Clear. Sample from pre-purged water due to slow recharge rate.
BH264	PIPE1 (50mm)	13/12/2022	14:15:00	50.20	N/E		Dry		N/E		8.31	41.89																	

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Groundwater Monitoring Results

AGS

Project ID:	NCCT41793	**Client:**	Ferrovial Construction (UK) Limited	**Weather conditions:**	11/01/2023: Cloudy and dry
Date:	11/01/2023	**Location:**	Norwich Western Link	**Wind Speed (Beaufort Scale):**	11/01/2023: 4 - 5 Morning, 4 - 5 Lunch, 5 Afternoon

[1] = All (m) depth measurements are recorded as meters from the top of the installation cover.

[2] = I: Inertial, S: Submersible, B: Bailer, P: Peristaltic Pump.

Purge volumes calculated in accordance with BS EN ISO 5667-11 Water Quality Sampling of Groundwaters

Field engineer(s): C. Cooper

Remarks:

Location ID	Monitoring Pipe and Diameter	Date Monitored	Time	Surface Elevation (maOD)	LNAPL Depth[1] (mbgl)	LNAPL Depth (maOD)	Water Level[1] (mbgl)	Water Level (maOD)	DNAPL Depth[1] (mbgl)	DNAPL Depth (maOD)	Depth to base[1] (mbgl)	Depth to base (maOD)	Readings:												Sampling Method[2] (I, S, B, P)	Water Column (m)	Purged Volume[3] (L)	Sample Ref	Comments: (e.g. problems encountered, standpipe conditions, unusual odours, colour, tubidity, sheens)
													Barometric Pressure (mB)	Air Temp (°C)	Downhole Temp (°C)	pH	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	DO (%)	Redox Potential (mV)	Resistivity (Ohm-cm)	Salinity (psu)	Density (g/cm³)	TDS (ppt)					
BH260	PIPE1 (50mm)	11/01/2023	12:20:00	24.63	N/E		15.63	9.00	N/E		20.19	4.44														4.56			
BH261	PIPE1 (50mm)	11/01/2023	08:50:00	49.97	N/E		0.47	49.50	N/E		4.77	45.20														4.30			
BH262	PIPE1 (50mm)	11/01/2023	07:55:00	49.81	N/E		0.39	49.42	N/E		2.85	46.96														2.46			
BH263	PIPE1 (50mm)	11/01/2023	08:40:00	50.27	N/E		2.03	48.24	N/E		5.00	45.27														2.97			
BH264	PIPE1 (50mm)	11/01/2023	08:45:00	50.20	N/E		8.13	42.07	N/E		8.18	42.02														0.05			

Kimberley Street, Norwich, NR2 2RJ

Location ID	Point Ref.	Distance	Date Time	Reading Type	Reading Reference	Reading Text
BHR29	SP1	27	2022-01-24T11:40:00	WDEP	1	Interface M
BHR29	SP1	27	2022-02-07T10:07:00	WDEP	2	Interface M
BHR29	SP1	27	2022-03-08T08:53:00	WDEP	3	Interface M
BHR29	SP1	27	2022-04-12T08:50:00	WDEP	4	Interface M
BHR29	SP1	27	2022-05-10T09:18:00	WDEP	5	Interface M
BHR29	SP1	27	2022-07-18T00:00:00	WDEP	6	Interface M
BHR30	SP1	4.5	2022-01-24T11:48:00	WDEP	1	Dry
BHR30	SP1	4.5	2022-02-07T14:30:00	WDEP	2	Dry
BHR30	SP1	4.5	2022-03-08T09:50:00	WDEP	3	Dry
BHR30	SP1	4.5	2022-04-12T09:56:00	WDEP	4	Dry
BHR30	SP1	4.5	2022-05-10T10:18:00	WDEP	5	Dry
BHR30	SP1	4.5	2022-07-18T00:00:00	WDEP	6	Dry
BHR31	SP1	13.5	2022-01-24T11:37:00	WDEP	1	Dry
BHR31	SP1	13.5	2022-02-07T14:00:00	WDEP	2	Dry
BHR31	SP1	13.5	2022-03-08T09:35:00	WDEP	3	Dry
BHR31	SP1	13.5	2022-04-12T09:46:00	WDEP	4	Dry
BHR31	SP1	13.5	2022-05-10T10:10:00	WDEP	5	Dry
BHR31	SP1	13.5	2022-07-18T00:00:00	WDEP	6	Interface M
BHR32	SP1	29.9	2022-01-25T09:50:00	WDEP	1	Interface M
BHR32	SP1	29.9	2022-02-08T10:44:00	WDEP	2	Interface M
BHR32	SP1	29.9	2022-03-08T12:14:00	WDEP	3	Interface M
BHR32	SP1	29.9	2022-04-11T11:33:00	WDEP	4	Interface M
BHR32	SP1	29.9	2022-05-09T12:41:00	WDEP	5	Interface M
BHR32	SP1	29.9	2022-07-18T00:00:00	WDEP	6	Interface M
BHR33	SP1	38	2022-02-02T09:40:00	WDEP	1	Interface M
BHR33	SP1	38	2022-02-09T11:36:00	WDEP	2	Interface M
BHR33	SP1	38	2022-03-07T11:17:00	WDEP	3	Interface M
BHR33	SP1	38	2022-04-11T10:34:00	WDEP	4	Interface M
BHR33	SP1	38	2022-05-09T09:27:00	WDEP	5	Interface M
BHR33	SP1	38	2022-07-18T00:00:00	WDEP	6	Interface M
BHR34	SP1	3	2022-02-02T09:50:00	WDEP	1	Dry
BHR34	SP1	3	2022-02-09T10:25:00	WDEP	2	Dry
BHR34	SP1	3	2022-03-07T11:02:00	WDEP	3	Dry
BHR34	SP1	3	2022-04-11T10:22:00	WDEP	4	Dry
BHR34	SP1	3	2022-05-09T09:17:00	WDEP	5	Dry
BHR34	SP1	3	2022-07-18T00:00:00	WDEP	6	Dry
BHR35	SP1	10	2022-02-02T09:30:00	WDEP	1	Interface M
BHR35	SP1	10	2022-02-10T11:47:00	WDEP	2	Interface M
BHR35	SP1	10	2022-03-07T11:25:00	WDEP	3	Interface M
BHR35	SP1	10	2022-04-11T10:28:00	WDEP	4	Interface M
BHR35	SP1	10	2022-05-09T09:35:00	WDEP	5	Interface M
BHR35	SP1	10	2022-07-18T00:00:00	WDEP	6	Interface M
CP01	SP1	2.5	2022-01-24T08:59:00	WDEP	1	Dry
CP01	SP1	2.5	2022-02-07T10:52:00	WDEP	2	Dry
CP01	SP1	2.5	2022-03-09T10:08:00	WDEP	3	Dry

Location ID	Point Ref.	Distance	Date Time	Reading Type	Reading Reference	Reading Text
CP01	SP1	2.5	2022-04-13T10:12:00	WDEP	4	Dry
CP01	SP1	2.5	2022-05-11T10:30:00	WDEP	5	Dry
CP01	SP1	2.5	2022-07-19T00:00:00	WDEP	6	Dry
CP02	SP1	2.5	2022-01-24T08:53:00	WDEP	1	Dry
CP02	SP1	2.5	2022-02-07T11:02:00	WDEP	2	Dry
CP02	SP1	2.5	2022-03-09T10:00:00	WDEP	3	Dry
CP02	SP1	2.5	2022-04-13T10:03:00	WDEP	4	Dry
CP02	SP1	2.5	2022-05-11T10:21:00	WDEP	5	Dry
CP02	SP1	2.5	2022-07-19T00:00:00	WDEP	6	Dry
CP03	SP1	0.6	2022-01-24T08:40:00	WDEP	1	Dry
CP03	SP1	0.6	2022-02-07T11:44:00	WDEP	2	Dry
CP03	SP1	0.6	2022-03-09T09:33:00	WDEP	3	Dry
CP03	SP1	0.6	2022-04-13T09:32:00	WDEP	4	Dry
CP03	SP1	0.6	2022-05-11T09:59:00	WDEP	5	Dry
CP03	SP1	0.6	2022-07-19T00:00:00	WDEP	6	Dry
CP04	SP1	2	2022-01-24T10:10:00	WDEP	1	Dry
CP04	SP1	2	2022-02-08T15:35:00	WDEP	2	Interface M
CP04	SP1	2	2022-03-08T10:38:00	WDEP	3	Interface M
CP04	SP1	2	2022-04-12T11:53:00	WDEP	4	Interface M
CP04	SP1	2	2022-05-10T12:09:00	WDEP	5	Interface M
CP04	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
CP05	SP1	2	2022-01-24T10:43:00	WDEP	1	Dry
CP05	SP1	2	2022-02-08T14:25:00	WDEP	2	Dry
CP05	SP1	2	2022-03-08T11:42:00	WDEP	3	Dry
CP05	SP1	2	2022-04-12T11:33:00	WDEP	4	Dry
CP05	SP1	2	2022-05-10T11:56:00	WDEP	5	Dry
CP05	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
CP06	SP1	5	2022-01-24T10:33:00	WDEP	1	Dry
CP06	SP1	5	2022-02-08T14:55:00	WDEP	2	Dry
CP06	SP1	5	2022-03-08T11:19:00	WDEP	3	Dry
CP06	SP1	5	2022-04-12T11:12:00	WDEP	4	Dry
CP06	SP1	5	2022-05-10T11:36:00	WDEP	5	Dry
CP06	SP1	5	2022-07-18T00:00:00	WDEP	6	Dry
CP07	SP1	2	2022-01-24T10:52:00	WDEP	1	Dry
CP07	SP1	2	2022-02-08T12:55:00	WDEP	2	Dry
CP07	SP1	2	2022-03-08T11:05:00	WDEP	3	Dry
CP07	SP1	2	2022-04-12T10:33:00	WDEP	4	Dry
CP07	SP1	2	2022-05-10T10:49:00	WDEP	5	Dry
CP07	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
CP08	SP1	5	2022-01-24T12:53:00	WDEP	1	Dry
CP08	SP1	5	2022-02-08T09:20:00	WDEP	2	Dry
CP08	SP1	5	2022-03-07T12:08:00	WDEP	3	Dry
CP08	SP1	5	2022-04-11T11:24:00	WDEP	4	Dry
CP08	SP1	5	2022-05-09T12:32:00	WDEP	5	Dry
CP08	SP1	5	2022-07-18T00:00:00	WDEP	6	Dry
CP09	SP1	2	2022-02-02T08:13:00	WDEP	1	Dry
CP09	SP1	2	2022-02-09T10:55:00	WDEP	2	Dry
CP09	SP1	2	2022-03-07T10:38:00	WDEP	3	Dry

Norwich Western Link Ground Water Monitoring Results 2021_2022

Location ID	Point Ref.	Distance	Date Time	Reading Type	Reading Reference	Reading Text
CP09	SP1	2	2022-04-11T10:05:00	WDEP	4	Dry
CP09	SP1	2	2022-05-09T08:59:00	WDEP	5	Dry
CP09	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
CP10	SP1	2	2022-02-02T08:19:00	WDEP	1	Dry
CP10	SP1	2	2022-02-09T10:45:00	WDEP	2	Dry
CP10	SP1	2	2022-03-07T10:40:00	WDEP	3	Dry
CP10	SP1	2	2022-04-11T10:08:00	WDEP	4	Dry
CP10	SP1	2	2022-05-09T09:03:00	WDEP	5	Dry
CP10	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
CP11	SP1	11	2022-02-02T09:50:00	WDEP	1	Dry
CP11	SP1	11	2022-02-09T11:30:00	WDEP	2	Dry
CP11	SP1	11	2022-03-07T08:50:00	WDEP	3	Dry
CP11	SP1	11	2022-04-11T09:11:00	WDEP	4	Dry
CP11	SP1	11	2022-05-09T09:57:00	WDEP	5	Dry
CP11	SP1	11	2022-07-18T00:00:00	WDEP	6	Dry
CP12	SP1	8.5	2022-02-02T09:53:00	WDEP	1	Interface M
CP12	SP1	8.5	2022-02-10T12:20:00	WDEP	2	Interface M
CP12	SP1	8.5	2022-03-07T09:05:00	WDEP	3	Interface M
CP12	SP1	8.5	2022-04-11T09:01:00	WDEP	4	Interface M
CP12	SP1	8.5	2022-05-09T10:08:00	WDEP	5	Interface M
CP12	SP1	8.5	2022-07-18T00:00:00	WDEP	6	Interface M
CP13A	SP1	3	2022-02-02T09:56:00	WDEP	1	Dry
CP13A	SP1	3	2022-02-09T11:20:00	WDEP	2	Dry
CP13A	SP1	3	2022-03-07T09:13:00	WDEP	3	Dry
CP13A	SP1	3	2022-04-11T08:44:00	WDEP	4	Dry
CP13A	SP1	3	2022-05-09T10:14:00	WDEP	5	Dry
CP13A	SP1	3	2022-07-18T00:00:00	WDEP	6	Dry
WS01	SP1	0.3	2022-01-24T09:38:00	WDEP	1	Dry
WS01	SP1	0.3	2022-02-07T12:10:00	WDEP	2	Dry
WS01	SP1	0.3	2022-03-09T10:35:00	WDEP	3	Dry
WS01	SP1	0.3	2022-04-13T10:38:00	WDEP	4	Dry
WS01	SP1	0.3	2022-05-11T10:50:00	WDEP	5	Dry
WS01	SP1	0.3	2022-07-19T00:00:00	WDEP	6	Dry
WS02	SP1	0.6	2022-01-24T09:33:00	WDEP	1	Dry
WS02	SP1	0.6	2022-02-07T12:04:00	WDEP	2	Dry
WS02	SP1	0.6	2022-03-09T10:39:00	WDEP	3	Dry
WS02	SP1	0.6	2022-04-13T10:43:00	WDEP	4	Dry
WS02	SP1	0.6	2022-05-11T10:59:00	WDEP	5	Dry
WS02	SP1	0.6	2022-07-19T00:00:00	WDEP	6	Dry
WS03	SP1	2.5	2022-01-24T09:20:00	WDEP	1	Dry
WS03	SP1	2.5	2022-02-07T12:45:00	WDEP	2	Dry
WS03	SP1	2.5	2022-03-09T09:17:00	WDEP	3	Dry
WS03	SP1	2.5	2022-04-13T09:16:00	WDEP	4	Dry
WS03	SP1	2.5	2022-05-11T09:44:00	WDEP	5	Dry
WS03	SP1	2.5	2022-07-19T00:00:00	WDEP	6	Dry
WS04	SP1	1.5	2022-01-24T08:47:00	WDEP	1	Dry
WS04	SP1	1.5	2022-02-07T11:18:00	WDEP	2	Dry
WS04	SP1	1.5	2022-03-09T09:48:00	WDEP	3	Dry

Location ID	Point Ref.	Distance	Date Time	Reading Type	Reading Reference	Reading Text
WS04	SP1	1.5	2022-04-13T09:47:00	WDEP	4	Dry
WS04	SP1	1.5	2022-05-11T10:11:00	WDEP	5	Dry
WS04	SP1	1.5	2022-07-19T00:00:00	WDEP	6	Dry
WS05	SP1	0.5	2022-01-24T10:30:00	WDEP	1	Interface M
WS05	SP1	0.5	2022-02-09T08:30:00	WDEP	2	Interface M
WS05	SP1	0.5	2022-03-09T08:27:00	WDEP	3	Interface M
WS05	SP1	0.5	2022-04-14T07:55:00	WDEP	4	Interface M
WS05	SP1	0.5	2022-05-11T09:12:00	WDEP	5	Dry
WS05	SP1	0.5	2022-07-19T00:00:00	WDEP	6	Dry
WS06	SP1	3.5	2022-01-24T08:30:00	WDEP	1	Interface M
WS06	SP1	3.5	2022-02-09T09:21:00	WDEP	2	Interface M
WS06	SP1	3.5	2022-03-09T08:16:00	WDEP	3	Interface M
WS06	SP1	3.5	2022-04-14T07:44:00	WDEP	4	Interface M
WS06	SP1	3.5	2022-05-11T09:01:00	WDEP	5	Interface M
WS06	SP1	3.5	2022-07-19T00:00:00	WDEP	6	Interface M
WS07	SP1	0.5	2022-01-24T09:15:00	WDEP	1	Interface M
WS07	SP1	0.5	2022-02-09T10:05:00	WDEP	2	Interface M
WS07	SP1	0.5	2022-03-09T08:51:00	WDEP	3	Interface M
WS07	SP1	0.5	2022-04-14T08:05:00	WDEP	4	Interface M
WS07	SP1	0.5	2022-05-11T09:20:00	WDEP	5	Interface M
WS07	SP1	0.5	2022-07-19T00:00:00	WDEP	6	Interface M
WS15	SP1	1	2022-01-24T10:40:00	WDEP	1	Dry
WS15	SP1	1	2022-02-08T14:40:00	WDEP	2	Dry
WS15	SP1	1	2022-03-08T11:32:00	WDEP	3	Dry
WS15	SP1	1	2022-04-12T11:23:00	WDEP	4	Dry
WS15	SP1	1	2022-05-10T11:46:00	WDEP	5	Dry
WS15	SP1	1	2022-07-18T00:00:00	WDEP	6	Dry
WS16	SP1	1	2022-01-24T11:06:00	WDEP	1	Dry
WS16	SP1	1	2022-02-07T09:00:00	WDEP	2	Dry
WS16	SP1	1	2022-03-08T09:01:00	WDEP	3	Dry
WS16	SP1	1	2022-04-12T09:07:00	WDEP	4	Dry
WS16	SP1	1	2022-05-10T09:31:00	WDEP	5	Dry
WS16	SP1	1	2022-07-18T00:00:00	WDEP	6	Dry
WS18	SP1	1.5	2022-01-24T11:24:00	WDEP	1	Dry
WS18	SP1	1.5	2022-02-07T09:37:00	WDEP	2	Dry
WS18	SP1	1.5	2022-03-08T09:18:00	WDEP	3	Dry
WS18	SP1	1.5	2022-04-12T09:20:00	WDEP	4	Dry
WS18	SP1	1.5	2022-05-10T09:44:00	WDEP	5	Dry
WS18	SP1	1.5	2022-07-18T00:00:00	WDEP	6	Dry
WS19	SP1	3	2022-01-24T11:30:00	WDEP	1	Dry
WS19	SP1	3	2022-02-07T15:10:00	WDEP	2	Dry
WS19	SP1	3	2022-03-08T09:30:00	WDEP	3	Dry
WS19	SP1	3	2022-04-12T09:31:00	WDEP	4	Dry
WS19	SP1	3	2022-05-10T09:54:00	WDEP	5	Dry
WS19	SP1	3	2022-07-18T00:00:00	WDEP	6	Dry
WS20	SP1	2	2022-01-24T11:32:00	WDEP	1	Dry
WS20	SP1	2	2022-02-07T14:55:00	WDEP	2	Dry
WS20	SP1	2	2022-03-08T09:43:00	WDEP	3	Dry

Norwich Western Link Ground Water Monitoring Results 2021_2022

Location ID	Point Ref.	Distance	Date Time	Reading Type	Reading Reference	Reading Text
WS20	SP1	2	2022-04-12T09:41:00	WDEP	4	Dry
WS20	SP1	2	2022-05-10T10:04:00	WDEP	5	Dry
WS20	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
WS21	SP1	1	2022-01-24T11:54:00	WDEP	1	Dry
WS21	SP1	1	2022-02-07T14:15:00	WDEP	2	Dry
WS21	SP1	1	2022-03-08T10:06:00	WDEP	3	Dry
WS21	SP1	1	2022-04-12T10:06:00	WDEP	4	Dry
WS21	SP1	1	2022-05-10T10:32:00	WDEP	5	Dry
WS21	SP1	1	2022-07-18T00:00:00	WDEP	6	Dry
WS22	SP1	2	2022-01-24T12:26:00	WDEP	1	Dry
WS22	SP1	2	2022-02-08T11:20:00	WDEP	2	Dry
WS22	SP1	2	2022-03-07T13:19:00	WDEP	3	Dry
WS22	SP1	2	2022-04-11T12:19:00	WDEP	4	Dry
WS22	SP1	2	2022-05-09T13:40:00	WDEP	5	Dry
WS22	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
WS23	SP1	2	2022-01-24T12:33:00	WDEP	1	Dry
WS23	SP1	2	2022-02-08T11:35:00	WDEP	2	Dry
WS23	SP1	2	2022-03-07T13:06:00	WDEP	3	Dry
WS23	SP1	2	2022-04-11T12:07:00	WDEP	4	Dry
WS23	SP1	2	2022-05-09T13:29:00	WDEP	5	Dry
WS23	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
WS24	SP1	2	2022-01-24T12:40:00	WDEP	1	Dry
WS24	SP1	2	2022-02-08T10:25:00	WDEP	2	Dry
WS24	SP1	2	2022-03-07T11:48:00	WDEP	3	Dry
WS24	SP1	2	2022-04-11T11:05:00	WDEP	4	Dry
WS24	SP1	2	2022-05-09T12:14:00	WDEP	5	Dry
WS24	SP1	2	2022-07-18T00:00:00	WDEP	6	Dry
WS26	SP1	1	2022-01-24T12:44:00	WDEP	1	Dry
WS26	SP1	1	2022-02-08T09:45:00	WDEP	2	Dry
WS26	SP1	1	2022-03-07T11:59:00	WDEP	3	Dry
WS26	SP1	1	2022-04-11T11:15:00	WDEP	4	Dry
WS26	SP1	1	2022-05-09T12:25:00	WDEP	5	Dry
WS26	SP1	1	2022-07-18T00:00:00	WDEP	6	Dry
WS28	SP1	0.75	2022-01-24T13:03:00	WDEP	1	Dry
WS28	SP1	0.75	2022-02-08T10:05:00	WDEP	2	Dry
WS28	SP1	0.75	2022-03-07T12:31:00	WDEP	3	Dry
WS28	SP1	0.75	2022-04-11T11:48:00	WDEP	4	Dry
WS28	SP1	0.75	2022-05-09T12:53:00	WDEP	5	Dry
WS28	SP1	0.75	2022-07-18T00:00:00	WDEP	6	Dry
WS29	SP1	3.5	2022-02-02T11:30:00	WDEP	1	Interface M
WS29	SP1	3.5	2022-02-09T12:14:00	WDEP	2	Interface M
WS29	SP1	3.5	2022-03-07T10:10:00	WDEP	3	Interface M
WS29	SP1	3.5	2022-04-11T09:48:00	WDEP	4	Interface M
WS29	SP1	3.5	2022-05-09T11:18:00	WDEP	5	Interface M
WS29	SP1	3.5	2022-07-18T00:00:00	WDEP	6	Interface M
WS30	SP1	1	2022-02-02T10:29:00	WDEP	1	Dry
WS30	SP1	1	2022-02-09T13:30:00	WDEP	2	Dry
WS30	SP1	1	2022-03-07T09:57:00	WDEP	3	Dry

Norwich Western Link Ground Water Monitoring Results 2021_2022

Location ID	Point Ref.	Distance	Date Time	Reading Type	Reading Reference	Reading Text
WS30	SP1	1	2022-04-11T09:40:00	WDEP	4	Dry
WS30	SP1	1	2022-05-09T11:06:00	WDEP	5	Dry
WS30	SP1	1	2022-07-18T00:00:00	WDEP	6	Dry
WS31	SP1	3.3	2022-02-02T10:50:00	WDEP	1	Interface M
WS31	SP1	3.3	2022-02-09T11:12:00	WDEP	2	Interface M
WS31	SP1	3.3	2022-03-07T09:41:00	WDEP	3	Interface M
WS31	SP1	3.3	2022-04-11T09:29:00	WDEP	4	Interface M
WS31	SP1	3.3	2022-05-09T10:54:00	WDEP	5	Interface M
WS31	SP1	3.3	2022-07-18T00:00:00	WDEP	6	Interface M
WS33	SP1	1	2022-02-02T10:00:00	WDEP	1	Interface M
WS33	SP1	1	2022-02-09T14:54:00	WDEP	2	Interface M
WS33	SP1	1	2022-03-07T09:22:00	WDEP	3	Interface M
WS33	SP1	1	2022-04-11T08:44:00	WDEP	4	Interface M
WS33	SP1	1	2022-05-09T10:23:00	WDEP	5	Interface M
WS33	SP1	1	2022-07-18T00:00:00	WDEP	6	Interface M
WS34	SP1	1	2022-01-24T09:04:00	WDEP	1	Dry
WS34	SP1	1	2022-02-07T10:30:00	WDEP	2	Dry
WS34	SP1	1	2022-03-09T10:18:00	WDEP	3	Dry
WS34	SP1	1	2022-04-13T10:22:00	WDEP	4	Dry
WS34	SP1	1	2022-05-11T10:37:00	WDEP	5	Dry
WS34	SP1	1	2022-07-19T00:00:00	WDEP	6	Dry
WS40	SP1	1	2022-01-24T11:05:00	WDEP	1	Dry
WS40	SP1	1	2022-02-08T13:10:00	WDEP	2	Dry
WS40	SP1	1	2022-03-09T11:19:00	WDEP	3	Dry
WS40	SP1	1	2022-04-12T10:43:00	WDEP	4	Dry
WS40	SP1	1	2022-05-10T10:59:00	WDEP	5	Dry
WS40	SP1	1	2022-07-19T00:00:00	WDEP	6	Dry
WS41	SP1	1	2022-01-24T10:55:00	WDEP	1	Dry
WS41	SP1	1	2022-02-08T12:35:00	WDEP	2	Dry
WS41	SP1	1	2022-03-09T11:34:00	WDEP	3	Dry
WS41	SP1	1	2022-04-12T10:56:00	WDEP	4	Dry
WS41	SP1	1	2022-05-10T11:11:00	WDEP	5	Dry
WS41	SP1	1	2022-07-19T00:00:00	WDEP	6	Dry

Reading	Unit	Remarks	Test Type
10.28	m	Well development phase: Purged 450L. Cream, becoming	
10.38	m		
10.34	m		
10.46	m		
10.64	m		
11.01	m		
	m	Well development phase	
	m		
	m		
	m		
	m		
	m		
	m	Well development phase	
	m		
	m		
	m		
	m		
13.99	m		
18.48	m	Well development phase: Purged 520L. Very sandy. Fast r	
18.51	m	Bottom metre of pipe silted up. Cleared out during purgir	
18.57	m		
18.6	m		
18.61	m		
18.68	m		
7.65	m	Well development phase: Purged 200L. Cream, becoming	
7.69	m		
7.67	m		
7.7	m		
7.74	m		
7.9	m		
	m	Well development phase	
	m		
	m		
	m		
	m		
	m		
-0.53	m	Well development phase: Purged 65L. Water initially sitti	
-0.55	m	Water initially sitting in standpipe above ground level. Cle	
-0.53	m	Water sitting in standpipe above ground level.	
-0.53	m	Water sitting in standpipe above ground level.	
-0.65	m	Water sitting in standpipe above ground level.	
-0.75	m	Water sitting in standpipe above ground level.	
	m	Well development phase	
	m		
	m		

Reading	Unit	Remarks	Test Type
	m		
	m		
	m		
	m	Well development phase	
	m		
	m		
	m		
	m		
	m		
	m	Well development phase	
	m		
	m		
	m		
	m		
	m		
	m	Well development phase	
2.84	m	Insufficient water for sampling	
2.84	m		
2.84	m		
2.84	m		
	m		
	m	Well development phase	
	m		
	m		
	m		
	m		
	m		
	m	Well development phase	
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	m	Well development phase	
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	m	Well development phase	
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	m		
	m	Well development phase	
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Reading	Unit	Remarks	Test Type
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	m		
	m	Well development phase	
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Norwich Western Link Gr	m	Well development phase	
	m		
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	m		
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	m		
9.41	m	Well development phase: Insufficient water for purging.	
9.4	m	Insufficient water for sampling	
9.21	m		
9.31	m		
9.4	m		
9.41	m		
	m	Well development phase	
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	m		
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	m		
	m	Well development phase	
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	m	Well development phase	
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	m	Well development phase	
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	m	Well development phase	
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Reading	Unit	Remarks	Test Type
	m		
	m		
	m		
3.1	m	Well development phase: Insufficient water for purging.	
3.16	m	Insufficient water for sampling	
3	m		
3.06	m		
	m		
	m		
3.75	m	Well development phase: Purged 52L. Brown, becoming c	
3.85	m		
3.66	m		
3.79	m		
4.02	m		
4.09	m		
1.09	m	Well development phase: Purged 20L. Brown, becoming c	
1.19	m		
1.03	m		
1.37	m		
1.38	m		
1.42	m		
	m	Well development phase	
	m		
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	m		
	m		
	m		
	m	Well development phase	
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	m	Well development phase	
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	m	Well development phase	
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	m	Well development phase	
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Reading	Unit	Remarks	Test Type
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	m	Well development phase	
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	m	Well development phase	
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	m	Well development phase	
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	m	Well development phase	
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	m		
	m		
3.3	m	Well development phase: Purged 15L. Light orangish brov	
3.38	m		
2.96	m		
3.41	m		
3.69	m		
4.07	m		
	m	Well development phase	
	m		
	m		

Reading	Unit	Remarks	Test Type
	m		
	m		
	m		
3.3	m	Well development phase: Purged 7L. Orangish brown and	
3.37	m		
2.96	m		
3.32	m		
3.6	m		
4.1	m		
0.89	m	Well development phase: Purged 16.5L. Light brown and	
0.81	m		
0.57	m		
1.1	m		
1.63	m	Bailed approx. 11L from standpipe. Groundwater rose fro	
3.19	m		
	m	Well development phase	
	m		
	m		
	m		
	m		
	m		
	m	Well development phase	
	m		
	m		
	m		
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	m		
	m	Well development phase	
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	m		
	m		
	m		
	m		