

Figures 5 - 8

BH-VE ■ VACUUM EXCAVATION PIT



SW2

[illegible]

P01	28/07/23	FIRST ISSUE	MF		
Rev.	Date	Description	By	Chk'd	App'd

Suitability
S2


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Client

nationalgrid

	Project Title

TOTTENHAM (SITE CODE 8021)

	Drawing Title

EXPLORATORY HOLE PLAN

Scale 1:1000	Designed DP	Drawn MF	Checked	Authorised
Original Size A1	Date 15/03/2023	Date 28/07/2023	Date	Date

Drawing Number

FIGURE 5

P01

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— — — NGET NON-OPERATIONAL SITE BOUNDARY

MONITORING WELL
SURFACE WATER SAMPLE

TR  RESISTIVITY PIT
BH BOREHOLE

BH12  DEEP BOREHOLES
WS12  WINDOW SAMPLES
RW1  SURFACE WATER LOCATIONS

RSK 2008 GI LOCATIONS:

BH  RIG BOREHOLES
BH-VE  VACUUM EXCAVATION PIT

Location	Determinand	Depth	Concentration (mg/l)	GAC (mg/l)
BH23-05	Napthalene	1.2	120	90.1
	Benzo(a)pyrene	1.2	200	76.3

Location	Determinand	Depth	Concentration (mg/l)	GAC (mg/kg)
BH23-04	Benzene	1.7	170	12.5
			55	
	Napthalene		1600	90.1
	Benzo(a)pyrene	1.7	260	76.3

[illegible]

P01	30/08/23	FIRST ISSUE	MF		
Rev.	Date	Description	By	Chk'd	App'd

Drawing Status	FOR INFORMATION	Suitability	S2
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Project Title	TOTTENHAM (SITE CODE 8021)
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Drawing Title	SOIL EXCEEDANCE PLAN
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Scale 1:1000	Designed MT	Drawn MF	Checked	Authorised
Original Size A1	Date 30/08/2023	Date 30/08/2023	Date	Date

Drawing Number	FIGURE 6	Revision	P01
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 MONITORING WELL SURFACE WATER SAMPLETR RESISTIVITY PITBH BOREHOLE

WORLEY PARSONS 2012 GI LOCATIONS:

BH12 DEEP BOREHOLES

WS12 WINDOW SAMPLES

RW1 SURFACE WATER LOCATIONS

RSK 2008 GI LOCATIONS:

BH RIG BOREHOLES

BH-VE * VACUUM EXCAVATION PIT

Location	Determinand	Depth	Concentration (mg/l)	DWS (mg/l)
BH23-05	Ammonium	1.2	1.4	0.5
	Arsenic (Dissolved)	1.2	0.014	0.01
	Iron (Dissolved)	1.2	9.8	0.2
	Benzene	1.2	0.0083	0.001
	Phenol	1.2	0.064	0.05

Location	Determinand	Depth	Concentration (mg/l)	EQS (mg/l)
BH23-05	Ammonium	1.2	1.4	0.26
	Iron (Dissolved)	1.2	9.8	1
	Naphthalene	1.2	0.077	0.002
	Fluoranthene	1.2	0.013	0.0000063
	Phenol	1.2	0.064	0.0077

Location	Determinand	Depth	Concentration (mg/l)	DWS (mg/l)
BH23-04	Ammonium	1.7	2.4	0.5
	Arsenic (Dissolved)	1.7	0.08	0.01
	Iron (Dissolved)	1.7	0.23	0.2
	Aliphatic TPH >C8-C10	1.7	1.7	0.3
	Aromatic TPH >C5-C7	1.7	0.13	0.01
	Aromatic TPH >C8-C10	1.7	4.4	0.3
	Aromatic TPH >C10-C12	1.7	0.55	0.09
	Aromatic TPH >C12-C16	1.7	0.97	0.09
	Aromatic TPH >C16-C21	1.7	0.13	0.09
	Benzene	1.7	1.9	0.001
	Phenol	1.7	0.13	0.05

Location	Determinand	Depth	Concentration (mg/l)	EQS (mg/l)
BH23-04	Ammonium	1.7	2.4	0.26
	Arsenic (Dissolved)	1.7	0.08	0.05
	Aliphatic TPH >C6-C8	1.7	0.14	0.01
	Aliphatic TPH >C8-C10	1.7	1.7	0.01
	Aliphatic TPH >C10-C12	1.7	0.068	0.01
	Aromatic TPH >C5-C7	1.7	0.13	0.01
	Aromatic TPH >C7-C8	1.7	0.42	0.01
	Aromatic TPH >C8-C10	1.7	4.4	0.01
	Aromatic TPH >C10-C12	1.7	0.55	0.01
	Aromatic TPH >C12-C16	1.7	0.97	0.01
	Aromatic TPH >C16-C21	1.7	0.13	0.01
	Benzene	1.7	1.9	0.01
	Toluene	1.7	0.19	0.074
	Phenol	1.7	0.13	0.0077

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Drawing Status **FOR INFORMATION** Suitability **S2**



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TOTTENHAM (SITE CODE 8021)

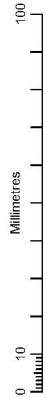
Drawing Title

LEACHATE DWS AND EQS
EXCEEDANCE PLAN

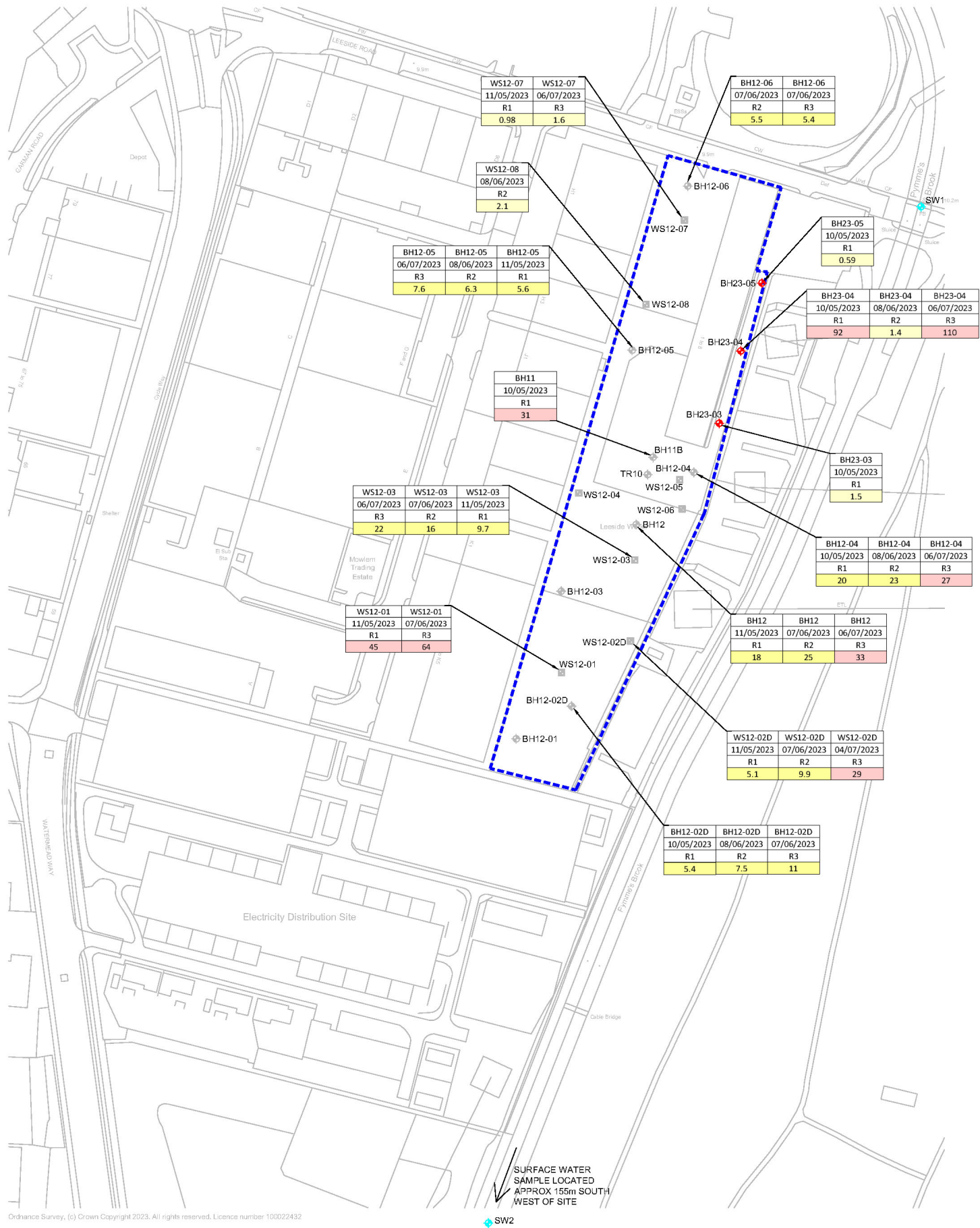
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FIGURE 7

P01



DO NOT SCALE



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NOTES:

- DO NOT SCALE FROM THIS DRAWING.
- THIS DRAWING SHOULD BE READ IN FULL COLOUR.
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KEY:

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ATKINS 2023 GI LOCATIONS:

- MONITORING WELL
- SURFACE WATER SAMPLE

WORLEY PARSONS 2013 GI LOCATIONS:

- RESISTIVITY PIT
- BOREHOLE

WORLEY PARSONS 2012 GI LOCATIONS:

- DEEP BOREHOLES
- WINDOW SAMPLES
- SURFACE WATER LOCATIONS

RSK 2008 GI LOCATIONS:

- RIG BOREHOLES
- VACUUM EXCAVATION PIT

Contaminant	Unit	EQS
Ammonium	mg/l	0.26
Greater than 2 orders of GAC		
Greater than 1 order of GAC		
Within an order of GAC		

Rev.	Date	Description	By	Chk'd	App'd
P01	01/09/23	FIRST ISSUE	MF		

Drawing Status	FOR INFORMATION	Suitability	S2
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Project Title
TOTTENHAM (SITE CODE 8021)

Drawing Title
AMMONIUM EXCEEDANCE PLAN
(GROUNDWATER)

Scale	1:1000	Designed	MT	Drawn	MF	Checked		Authorised	
Original Size	A1	Date	01/09/2023	Date	01/09/2023	Date		Date	
Drawing Number	FIGURE 8							Revision	P01