

P30: Photograph showing Inspection pit from BH03.



P31: Photograph showing recovery from BH03 between 0.8m and 2.3m



P32: Photograph showing recovery from BH03 between 2.5m and 4.0m



Title

Photographic records of ground investigation

Photo sheet number

P1

Appendix

D

P33: Photograph showing recovery from BH03 between 4.0m and 5.5m



P35: Photograph showing recovery from BH03 between 5.5m and 7.0m



P36: Photograph showing recovery from BH03 between 7.0m and 10.0m



P37: Photograph showing recovery from BH03 between 10.0m and 13.0m



Title

Photographic records of ground investigation

Photo sheet number

P1

Appendix

D

P38: Photograph showing recovery from BH03 between 13.0m and 16.0m



P39: Photograph showing recovery from BH03 between 16.0m and 19.0m



P40: Photograph showing inspection pit from BH04



Title

Photographic records of ground investigation

Photo sheet number

P1

Appendix

D

P41: Photograph showing recovery from BH04 between 1.2m and 2.5m



P42: Photograph showing recovery from BH04 between 2.5m and 4.0m



P43: Photograph showing recovery from BH04 between 4.0m and 5.5m



P44: Photograph showing recovery from BH04 between 5.5m and 7.0m



Title

Photographic records of ground investigation

Photo sheet number

P1

Appendix

D

P45: Photograph showing recovery from BH04 between 7.0m and 8.5m



P46: Photograph showing recovery from BH04 between 8.5m and 10.0m



P47: Photograph showing recovery from BH04 between 10.0m and 11.5m



P48: Photograph showing recovery from BH04 between 11.5m and 13.0m



Title

Photographic records of ground investigation

Photo sheet number

P1

Appendix

D

P49: Photograph showing recovery from BH04 between 13.0m and 16.0m



P50: Photograph showing recovery from BH04 between 16.0m and 19.0m



P51: Photograph showing TP01



Title	Photo sheet number	Appendix
Photographic records of ground investigation	P1	D

P52: Photograph showing TP01



Title

Photographic records of ground investigation

Photo sheet number

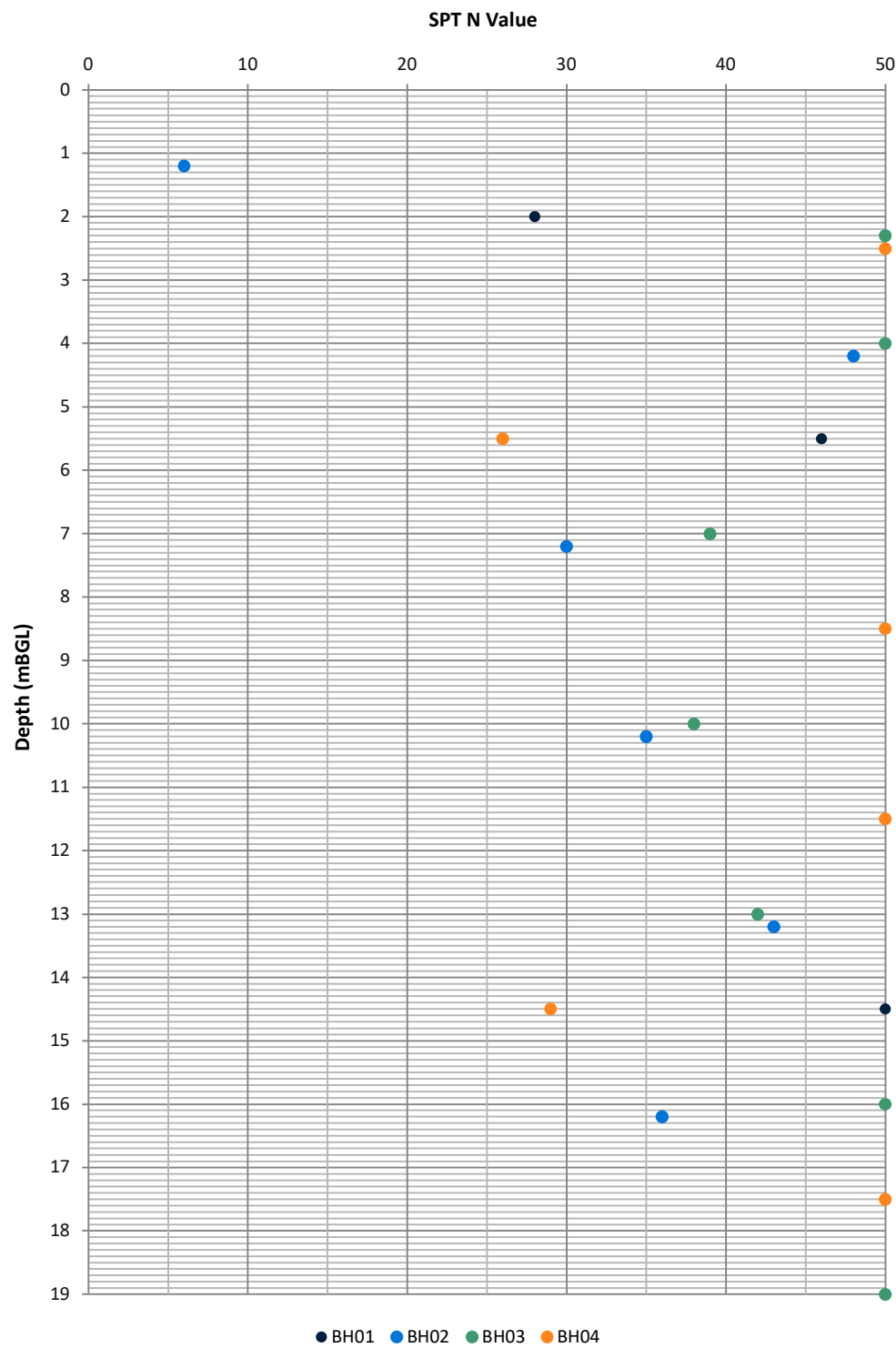
P1

Appendix

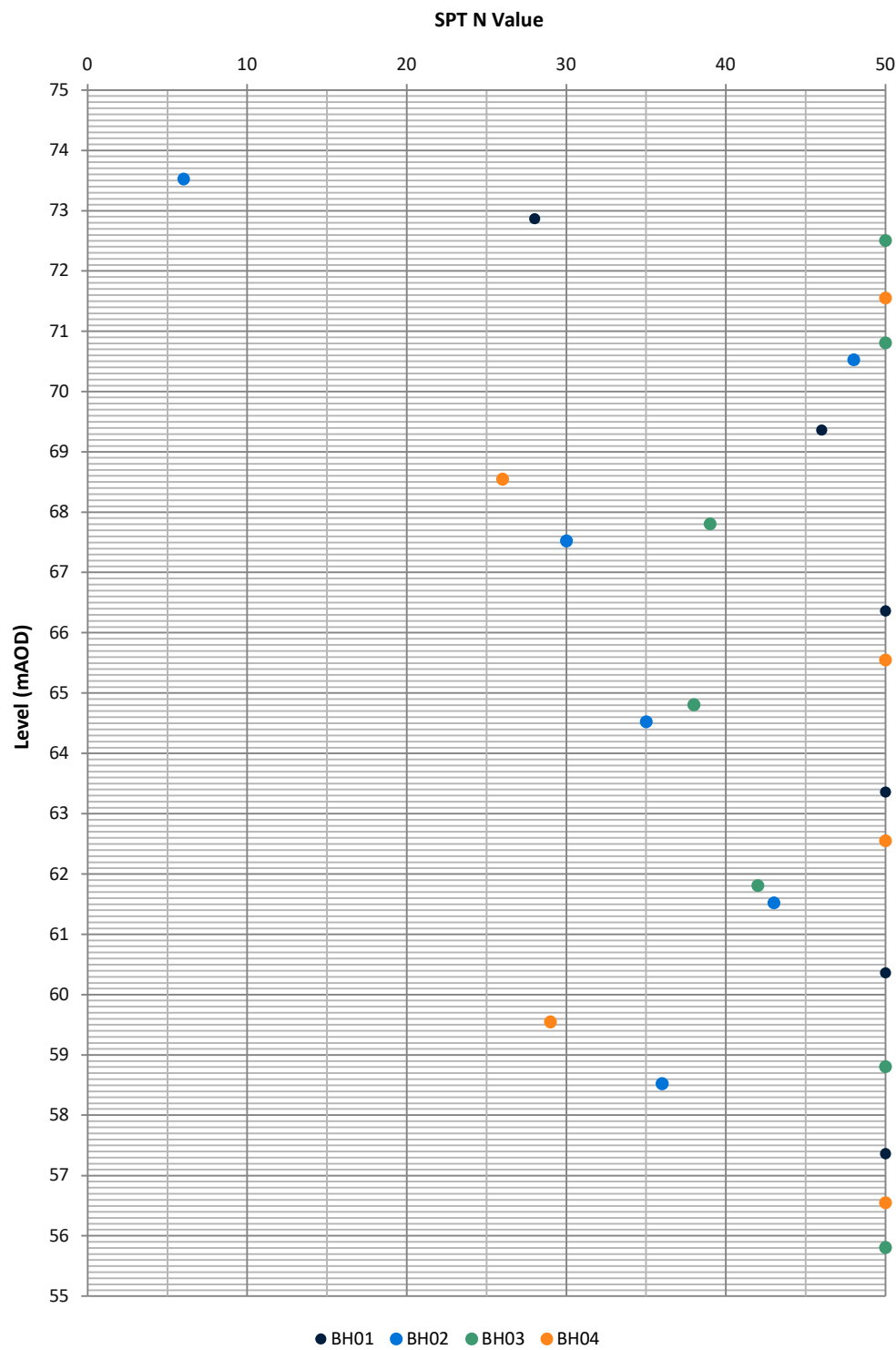
D

Appendix E In Situ Test Results

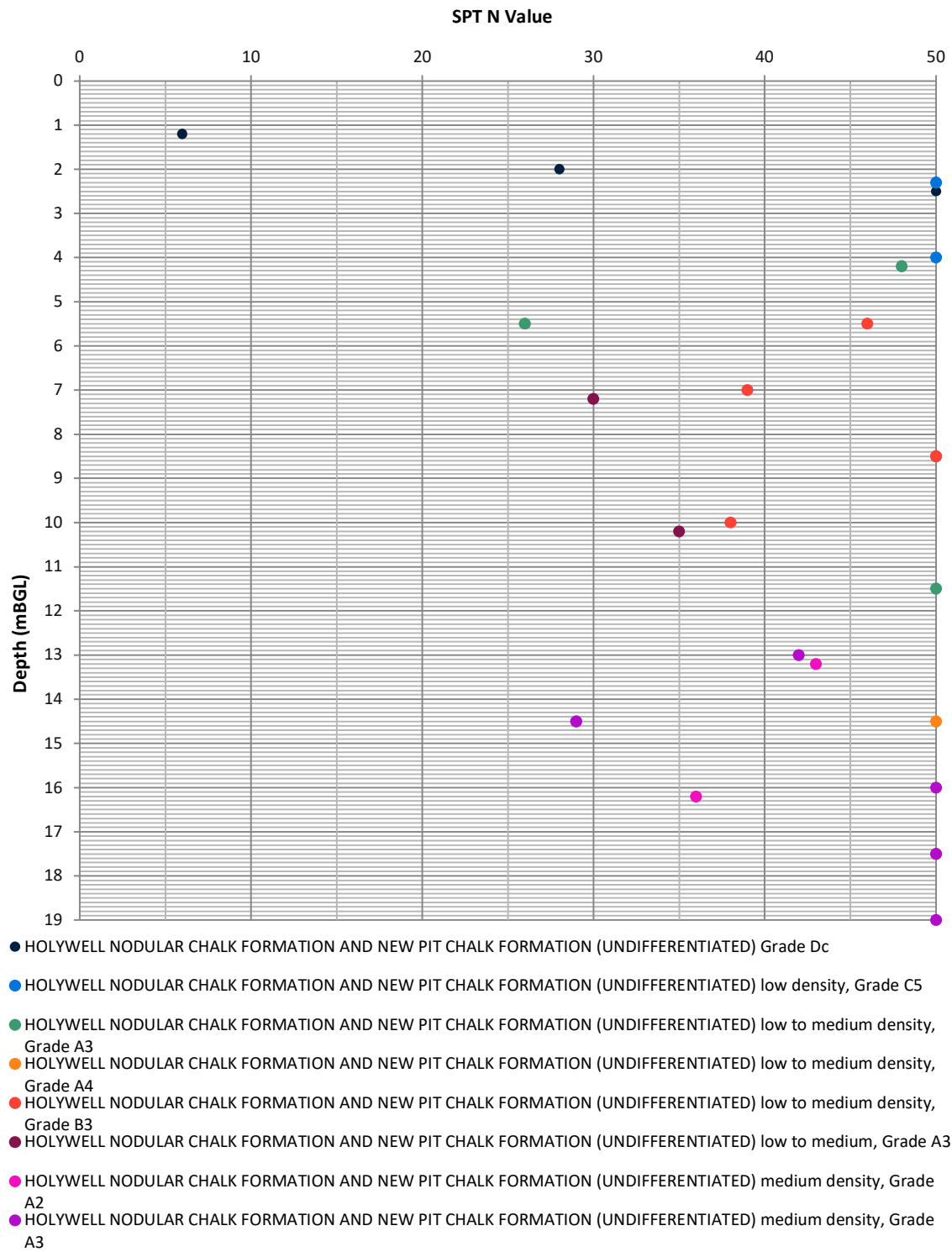
Plot summarising Standard Penetration Test (SPT) results versus depth filtered by location



Plot summarising Standard Penetration Test (SPT) results versus level filtered by location



Plot summarising Standard Penetration Test (SPT) results versus depth filtered by geology



Plot summarising Standard Penetration Test (SPT) results versus level filtered by geology

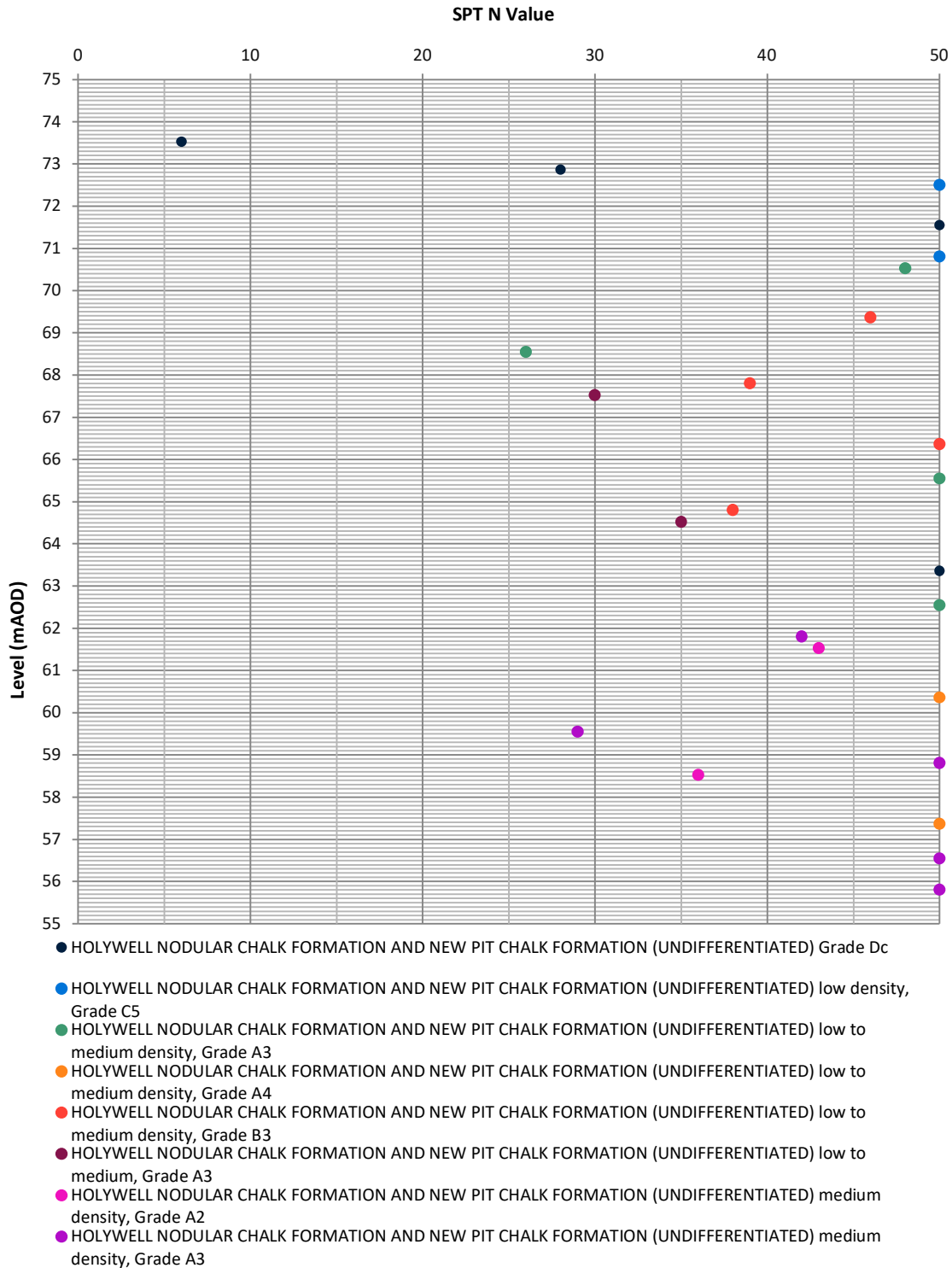


Table summarising Standard Penetration Test (SPT) results

Location	Start Depth (m)	Penetration (mm)					
		Seating 1-2	Main 1-4	Total Seating	Total Main	Total Seating	Total Main
BH01	2.00	2/4	7/7/7/7	6	28	150	300
BH01	5.50	5/10	7/8/13/18	15	46	150	300
BH01	8.50	3/6	8/9/18/15	9	50	150	260
BH01	11.50	5/19	27/23	24	50	150	140
BH01	14.50	5/11	11/17/22	16	50	150	205
BH01	17.50	11/14	50	25	50	115	70
BH02	1.20	1	1/1/1/3	1	6	150	300
BH02	4.20	4/11	13/14/12/9	15	48	150	300
BH02	7.20	3/3	4/7/10/9	6	30	150	300
BH02	10.20	5/7	7/8/9/11	12	35	150	300
BH02	13.20	5/7	8/14/12/9	12	43	150	300
BH02	16.20	6/8	8/9/10/9	14	36	150	300
BH03	2.30	5/9	8/14/13/15	14	50	150	300
BH03	4.00	4/5	13/20/17	9	50	150	205
BH03	7.00	3/4	8/9/11/11	7	39	150	300
BH03	10.00	3/3	4/9/10/15	6	38	150	300
BH03	13.00	3/3	6/10/16	6	42	150	225
BH03	16.00	8/17	50	25	50	150	75
BH03	19.00	4/11	21/29	15	50	150	75
BH04	2.50	5/9	14/13/14/9	14	50	150	265
BH04	5.50	2/3	5/7/7/7	5	26	150	300
BH04	8.50	5/7	7/9/19/15	12	50	150	260
BH04	11.50	6/19	21/15/14	25	50	145	205
BH04	14.50	10/12	9/5/4/11	22	29	150	300
BH04	17.50	4/21	26/16/8	25	50	150	185

Appendix F Post Fieldwork Monitoring

Groundwater monitoring results

Date	Location	Install Reference	Response Zone (mBGL)	Depth (mBGL)	Level (mAOD)
11/02/2025	BH01	1	4.00 – 19.00	15.7	59.16
19/02/2025	BH01	1	4.00 – 19.00	15.45	59.41
03/02/2025	BH02	1	4.00 – 19.00	DRY	DRY
11/02/2025	BH02	1	4.00 – 19.00	15.24	59.49
19/02/2025	BH02	1	4.00 – 19.00	15.06	59.67
03/02/2025	BH03	1	4.00 – 19.00	DRY	DRY
11/02/2025	BH03	1	4.00 – 19.00	15.47	59.34
19/02/2025	BH03	1	4.00 – 19.00	15.26	59.55
11/02/2025	BH04	1	4.00 – 19.00	15.36	58.69
19/02/2025	BH04	1	4.00 – 19.00	15.11	58.94

Appendix G Geotechnical Laboratory Test Results



TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A2:2022,
cl 5.3.14, 5.5, Fall Cone Method, 1 Pt Test, BS 1377-2:2022,
cl 5.3, 6

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB



Environmental Science

4041

Client: Soiltechnics Limited
Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton, NN6 9PY

Contact: Admin
Site Address: Baldock Industrial Estate

Client Reference: STW6825
Job Number: 25-005678-1
Date Sampled: 21/01/2025
Date Received: 05/02/2025
Date Tested: 14/02/2025
Sampled By: Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

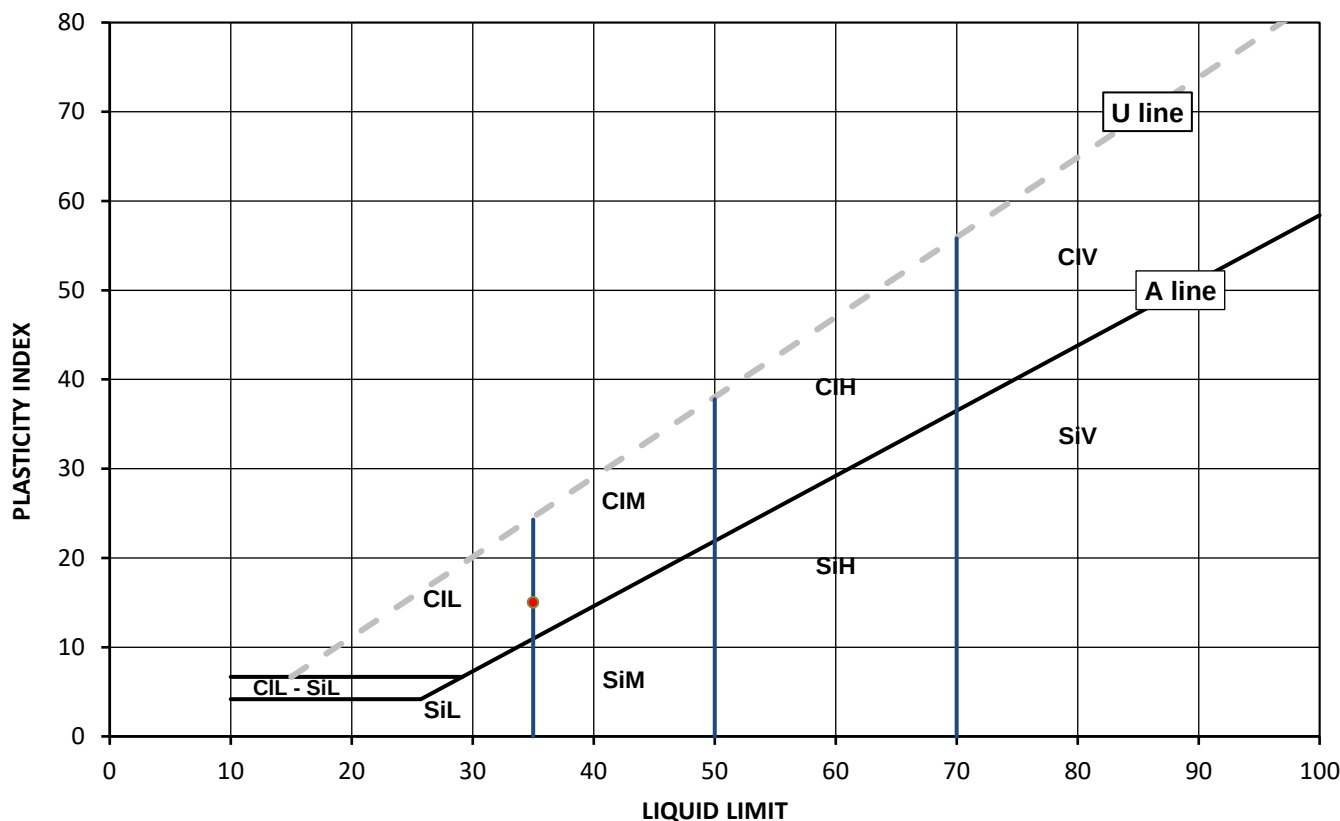
Test Results:

Laboratory Reference: 446061
Hole No.: BH01
Sample Reference: BH01-1-6
Sample Description: Brown slightly gravelly sandy CLAY with fragments of chalk

Depth Top [m]: 1.00
Depth Base [m]: Not Given
Sample Type: D

Sample Preparation: Tested after washing to remove >0.425 mm;
Cone Type: 80g/30deg

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity index [IL] % #	Consistency index [IC] % #	% Passing 425µm BS Test Sieve
28.5	35	1.015	20	15	0.60	0.40	91



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

	Plasticity	Liquid Limit
Cl	Clay	below 35
Si	Silt	35 to 50
	L	Low
	M	Medium
	H	High
	V	Very high
	O	Organic
		append to classification for organic material (eg CIHO)

Note: Water Content by BS EN 17892-1:2014+A1:2022, BS 1377-2:2022; Correlation Factor by Clayton C.R.I and Jukes A.W (1978); # Non accredited

Remarks:

Signed:

Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.



TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A2:2022,
cl 5.3.14, 5.5, Fall Cone Method, 1 Pt Test, BS 1377-2:2022,
cl 5.3, 6

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB



Environmental Science

4041

Client: Soiltechnics Limited
Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton, NN6 9PY

Contact: Admin
Site Address: Baldock Industrial Estate

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Client Reference: STW6825
Job Number: 25-005678-1
Date Sampled: 20/01/2025
Date Received: 05/02/2025
Date Tested: 14/02/2025
Sampled By: Not Given

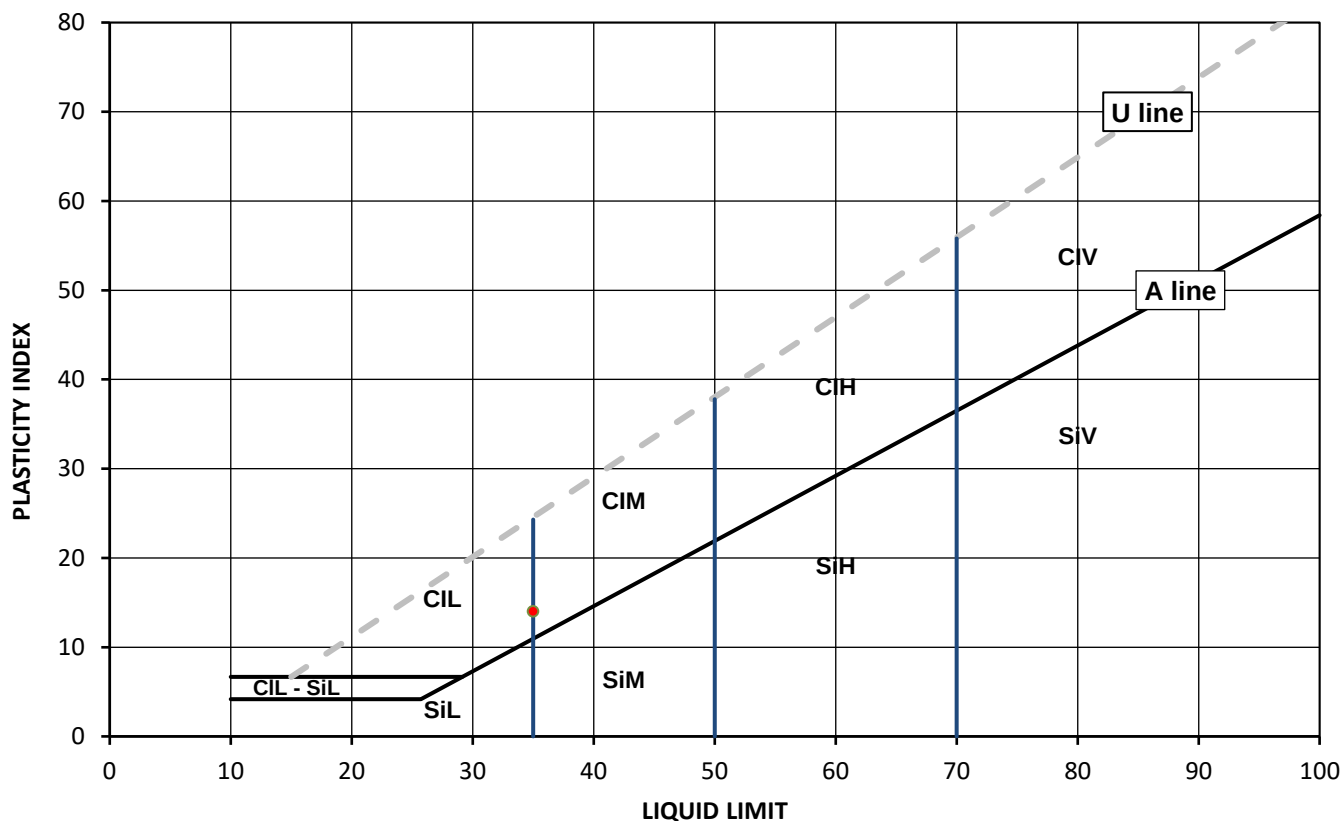
Test Results:

Laboratory Reference: 446076
Hole No.: TP02
Sample Reference: TP02-0.8-3
Sample Description: Brown slightly gravelly sandy CLAY with fragments of chalk

Depth Top [m]: 0.80
Depth Base [m]: Not Given
Sample Type: ES

Sample Preparation: Tested after washing to remove >0.425 mm;
Cone Type: 80g/30deg

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	Liquidity index [IL] % #	Consistency index [IC] % #	% Passing 425µm BS Test Sieve
23.4	35	0.984	21	14	0.14	0.86	69



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

	Plasticity	Liquid Limit
Cl	Clay	below 35
Si	Silt	35 to 50
	L	Low
	M	Medium
	H	High
	V	Very high
	O	Organic
		append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1:2014+A1:2022, BS 1377-2:2022; Correlation Factor by Clayton C.R.I and Jukes A.W (1978); # Non accredited

Remarks:

Signed:



Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.



SUMMARY REPORT

SUMMARY OF CLASSIFICATION TEST RESULTS

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB



Environmental Science

Tested in Accordance with:

BS EN ISO 17892-12:2018+A2:2022, cl 5.3.14, 5.5, Fall Cone Method, 1 Pt Test, BS 1377-2:2022, cl 5.3, 6. Correlation Factor by Clayton C.R.I and Jukes A.W (1978). W by BS EN ISO 17892-1:2014+A1:2022.

Client Reference: STW6825
Job Number: 25-005678-1
Date Sampled: 20/01 - 21/01/2025
Date Received: 05/02/2025
Date Tested: 14/02/2025
Sampled By: Not Given

4041

Client: Soiltechnics Limited
Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton, NN6 9PY

Contact: Admin
Site Address: Baldock Industrial Estate

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	W	Liquid & Plastic Limit							Density		
		Reference	Depth Top	Depth Base	Type				% Passing 425um	WL*	Correlation Factor	Wp	Ip	Cone type	Sample Preparation	bulk	dry	PD
			m	m														
446061	BH01	BH01-1-6	1.00	Not Given	D	Brown slightly gravelly sandy CLAY with fragments of chalk	Atterberg 1 Point	28.5	91	35	1.015	20	15	80g/30 deg	WR			
446076	TP02	TP02-0.8-3	0.80	Not Given	ES	Brown slightly gravelly sandy CLAY with fragments of chalk	Atterberg 1 Point	23.4	69	35	0.984	21	14	80g/30 deg	WR			

Note: # Non accredited; NP - Non plastic; N - Tested in natural condition, R - Tested after >0.425mm removed by hand, WR - Tested after washing to remove >425mm; * - One point liquid limit corrected as per the report Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Comments:

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed:



Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd



SUMMARY REPORT
DETERMINATION OF WATER CONTENT

Tested in Accordance with: BS EN ISO 17892-1:2014+A1:2022, BS 1377-2: 2022, clause 4.1

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB



Environmental Science

4041
Client: Soiltechnics Limited
Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton, NN6 9PY

Contact: Admin
Site Address: Baldock Industrial Estate

Client Reference: STW6825
Job Number: 25-005678-1
Date Sampled: 20/01 - 21/01/2025
Date Received: 05/02/2025
Date Tested: 14/02/2025
Sampled By: Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

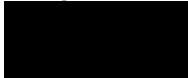
Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	WC											
		Reference	Depth Top m	Depth Base m	Type														
446061	BH01	BH01-1-6	1.00	Not Given	D	Brown slightly gravelly sandy CLAY with fragments of chalk		28.5											
446076	TP02	TP02-0.8-3	0.80	Not Given	ES	Brown slightly gravelly sandy CLAY with fragments of chalk		23.4											

Comments:

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed:



Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd



SUMMARY REPORT

METHOD FOR SATURATION WATER CONTENT OF CHALK

Tested in Accordance with: BS EN ISO 17892-2:2014, clause 5.2 and BS 1377: Part 2:2022, clause 4.2

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB



Environmental Science

4041
Client: Soiltechnics Limited
Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton, NN6 9PY

Contact: Admin
Site Address: Baldock Industrial Estate

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Client Reference: STW6825
Job Number: 25-005678-1
Date Sampled: 21/01 - 29/01/2025
Date Received: 05/02/2025
Date Tested: 14/02 - 21/02/2025
Sampled By: Not Given

Test results

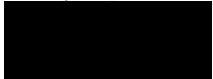
Laboratory Reference	Hole No.	Sample				Description	Remarks	SWC	Bulk density	Dry density	WC	Preparation
		Reference	Depth Top	Depth Base	Type							
			m	m								
446062	BH01	BH01-3.30-2	3.30	Not Given	C	White CHALK		35.5	1.86	1.38	35.0	
446066	BH02	BH02-5-13	5.00	Not Given	C	White CHALK		29.1	1.94	1.51	28.1	
446068	BH03	BH03-1.7-1	1.70	2.30	B	White CHALK		29.4	1.92	1.51	27.5	
446071	BH04	BH04-2.0-4	2.00	2.50	B	White CHALK		27.1	1.97	1.56	26.5	
446074	BH04	BH04-13-9	13.00	Not Given	ES	White CHALK		28.5	1.94	1.53	27.4	
446075	BH04	BH04-15.2-8	16.20	Not Given	C	White CHALK		25.4	1.99	1.60	24.0	

Note: SWC - Saturation Water Content; WC - Water Content by BS EN ISO 17892-1:2014+A1:2022, BS 1377-2: 2022 clause 4.1

Comments:

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed:



Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd



SUMMARY REPORT

DETERMINATION OF POINT LOAD STRENGTH

Tested in Accordance with: ISRM: 2007, pages 125-132

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB



Environmental Science

4041
Client: Soiltechnics Limited
Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton, NN6 9PY

Contact: Admin
Site Address: Baldock Industrial Estate

Client Reference: STW6825
Job Number: 25-005678-1
Date Sampled: 22/01 - 29/01/2025
Date Received: 05/02/2025
Date Tested: 20/02 - 21/02/2025
Sampled By: Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks (including water content if measured)	Specimen Reference	Test Type see ISRM		Failure Valid (Y/N)	Dimensions				Force P	Equivalent diameter, De	Point Load Strength Index	
		Reference	Depth Top	Depth Base	Type				Type (D, A, I, B)	Direction (L, P or U)		Lne	W	Dps	Dps'				
			m	m														mm	mm
446063	BH01	BH01-11.00-7	11.00	11.20	C	White CHALK	WC = 28.4%	1	D	U	YES	83.4	89.2	89.0	67.0	2.1	77.3	0.35	0.43
446065	BH02	BH02-3-12	3.00	Not Given	C	White CHALK	WC = 29.8%	1	I	U	YES	70.2	89.9	81.0	76.0	0.5	93.3	0.05	0.07
447943	BH03	BH03-8.4-6	8.40	Not Given	C	White CHALK	WC = 31.5%	1	D	U	YES	58.9	89.7	89.0	83.0	1.1	86.3	0.15	0.19
446072	BH04	BH04-7.5-5	7.50	7.70	B	White CHALK	WC = 29.5%	1	I	U	YES	71.3	89.4	49.0	45.0	1.2	71.6	0.22	0.26
446073	BH04	BH04-8.1-6	8.10	8.30	B	White CHALK	WC = 33.8%	1	D	U	YES	116.0	88.5	88.0	86.0	0.6	87.2	0.07	0.09

Note: # non accredited; Test Type: D - Diametral, A - Axial, I - Irregular Lump, B - Block; Direction: L - parallel to planes of weakness, P - perpendicular to planes of weakness, U - unknown or random;
Dimensions: Dps - Distance between platens (platen separation), Dps' - at failure (see ISRM note 6), Lne - Length from platens to nearest free end W - Width of shortest dimension perpendicular to load, P;
Detailed legend for test and dimensions, based on ISRM, is shown above; Size factor, F = (De/50)0.45 for all tests

Equipment No.: i2 4341 Calibration Date: 15/03/2024 - 15/03/2025

Comments:

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed:



Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd



SUMMARY REPORT

DETERMINATION OF UNIAXIAL COMPRESSIVE STRENGTH OF ROCK MATERIALS

Tested in Accordance with: ISRM, 2007, p153, part 1

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB



Environmental Science

4041
Client: Soiltechnics Limited
Client Address: Cedar Barn, White Lodge,
Walgrave, Northampton, NN6 9PY

Contact: Admin
Site Address: Baldock Industrial Estate

Testing carried out at i2 Analytical Limited, ul. Pionierow, 41-711 Ruda Slaska, Poland

Client Reference: STW6825
Job Number: 25-005678-1
Date Sampled: 22/01 - 29/01/2025
Date Received: 05/02/2025
Date Tested: 21/02/2025
Sampled By: Not Given

Test results

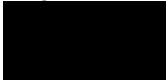
Laboratory Reference	Hole No.	Sample				Description	Remarks	Specimen Dimensions (2)				Bulk density (2) Mg/m3	Water Content (1) %	Uniaxial Compression (3)			
		Reference	Depth Top	Depth Base	Type			Diameter	Length	H/D	Orientation of sample			Condition	Stress Rate	Mode of failure	UCS
			m	m													
446064	BH01	BH01-16.4-8	16.40	16.60	C	White CHALK	*	89.2	113.4	1.3	Vertical	1.98	25.2	as received	0.0160	S + AC	24.3
446067	BH02	BH02-6-1	6.00	Not Given	C	White CHALK	*	89.8	144.9	1.6	Vertical	1.92	31.4	as received	0.0158	AC	2.58
446070	BH03	BH03-11-8	11.00	Not Given	C	White CHALK	*	89.5	135.4	1.5	Vertical	1.93	29.2	as received	0.0159	AC	2.24

Note: 1 - ISRM p87 test 1, water content at 105 ± 3 °C, specimen as tested for UCS, 2 - ISRM p86 clause (vii), Caliper method used for determination of bulk volume and derivation of bulk density, 3 - ISRM p153 part 1, determination of Uniaxial Compressive Strength (UCS) of Rock Materials, above notes apply unless annotated otherwise in the remarks. Compaction machine: VJ Tech AUTOCON - VJT 51-3011; Mode of failure legend: S - Single shear, MS - multiple shear, AC - Axial cleavage, F - Fragmented

Comments: * Sample is below recommended length to diameter ratio. Duration of test, fell below time specified in ISRM method, 2007, p153, part1.

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed:



Monika Siewior
Reporting Specialist
for and on behalf of i2 Analytical Ltd

Soiltechnics Limited
Cedar Barn
White Lodge
Walgrave, Northampton
NN6 9PY

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: admin@soiltechnics.net

Analytical Report Number : 25-005679

Project / Site name:	Baldock Industrial Estate	Samples received on:	05/02/2025
Your job number:	STW6825	Samples instructed on/ Analysis started on:	07/02/2025
Your order number:	POR021479	Analysis completed by:	18/02/2025
Report Issue Number:	1	Report issued on:	20/02/2025
Samples Analysed:	4 soil samples		

Signed:

Dominika Liana
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting
air	- once the analysis is complete

Excel copies of reports are only valid when accompanied by this PDF certificate.

Retention period for records and reports is minimum 6 years from the date of issue of the final report.
Some records may be kept for longer according to other legal/best practice requirements.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 25-005679
 Project / Site name: Baldock Industrial Estate
 Your Order No: POR021479

Lab Sample Number	446077	446078	446079	446080
Sample Reference	BH03	BH04	BH04	TP02
Sample Number	BH03-13-7	BH04-0.5-2	BH04-1-3	TP02-0.3-1
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	13.00	0.50	1.00	0.30
Date Sampled	29/01/2025	20/01/2025	20/01/2025	20/01/2025
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	51.1
Moisture Content	%	0.01	NONE	19	18	17	8.8
Total mass of sample received	kg	0.1	NONE	1.8	1.8	2	2

General Inorganics

pH (L099)	pH Units	N/A	MCERTS	9.2	9.3	9.1	11.5
Total Sulphate as SO ₄	%	0.005	MCERTS	0.041	0.06	0.072	0.595
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	74	160	120	310
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	37.1	79.7	62.1	155
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	7	11	8.9	16
Total Sulphur	mg/kg	50	MCERTS	150	280	370	2900
Total Sulphur	%	0.005	MCERTS	0.015	0.028	0.037	0.288
Water Soluble Nitrate (2:1) as N	mg/kg	2	NONE	3.2	< 2.0	< 2.0	< 2.0
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	< 2.0	< 2.0	< 2.0

Heavy Metals / Metalloids

Magnesium (leachate equivalent)	mg/l	2.5	NONE	< 2.5	3.6	< 2.5	< 2.5
Magnesium (water soluble)	mg/kg	5	NONE	< 5.0	7.2	< 5.0	< 5.0

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 25-005679

Project / Site name: Baldock Industrial Estate

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
446077	BH03	BH03-13-7	13	White chalk ¹⁹
446078	BH04	BH04-0.5-2	0.5	Brown clay and sand with gravel and chalk
446079	BH04	BH04-1-3	1	Brown clay and loam with gravel and vegetation
446080	TP02	TP02-0.3-1	0.3	Brown loam and sand with gravel and stones

Analytical Report Number : 25-005679

Project / Site name: Baldock Industrial Estate

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Moisture Content	Moisture content, determined gravimetrically (up to 30°C)	In-house method	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Magnesium, water soluble, in soil	Determination of water soluble magnesium by extraction with water followed by ICP-OES	In-house method based on TRL 447	L038B	D	NONE
Total sulphate (as SO ₄ in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES	In-house method	L038B	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Total Sulphur in soil	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES	In-house method	L038B	D	MCERTS
Water Soluble Nitrate (2:1) as N in soil	Determination of nitrate by reaction with sodium salicylate and colorimetry	In-house method based on Examination of Water and Wastewater & Polish Standard Method PN-82/C-04579.08, 2:1 extraction	L078-PL	W	NONE
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser	In-house method	L082B	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS

For method numbers ending in 'UK' or 'A' analysis have been carried out in our laboratory in the United Kingdom (Watford).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL' or 'B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Quality control parameter failure associated with individual result applies to calculated sum of individuals.

The result for sum should be interpreted with caution

*g - Unaccredited sample matrix.

Analytical Report Number : 25-005679

Project / Site name: Baldock Industrial Estate

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
BH04	BH04-0.5-2	S	446078	c	Chloride, water soluble, in soil	L082B	c
BH04	BH04-0.5-2	S	446078	c	pH in soil (automated)	L099-PL	c
BH04	BH04-1-3	S	446079	c	Chloride, water soluble, in soil	L082B	c
BH04	BH04-1-3	S	446079	c	pH in soil (automated)	L099-PL	c
TP02	TP02-0.3-1	S	446080	c	Chloride, water soluble, in soil	L082B	c
TP02	TP02-0.3-1	S	446080	c	pH in soil (automated)	L099-PL	c

Appendix H Geoenvironmental Laboratory Test Results



Final Report

Report No.: 25-03497-1

Initial Date of Issue: 12-Feb-2025

Re-Issue Details:

Client Soiltechnics Limited

Client Address: 1st Floor Unit 9 Westpoint Enterprise
Park
Clarence Avenue
Trafford Park
Manchester
M17 1QS

Contact(s): Admin

Project STW6825 Baldock Industrial Estate

Quotation No.: **Date Received:** 03-Feb-2025

Order No.: POR021418 **Date Instructed:** 03-Feb-2025

No. of Samples: 2

Turnaround (Wkdays): 7 **Results Due:** 11-Feb-2025

Date Approved: 12-Feb-2025

Approved By:



Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:				25-03497	25-03497
Quotation No.:		Chemtest Sample ID.:				1926274	1926275
Order No.: POR021418		Client Sample Ref.:				1	1
		Client Sample ID.:				WAC01-0.0-1	WAC02-0.0-1
		Sample Location:				WAC01	WAC02
		Sample Type:				SOIL	SOIL
		Top Depth (m):				0.00	0.00
		Date Sampled:				20-Jan-2025	20-Jan-2025
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Moisture		N	2030	%	0.020	4.3	7.2

Results - 2 Stage WAC

Project: STW6825 Baldock Industrial Estate

Chemtest Job No: 25-03497							Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 1926274							Limits		
Sample Ref: 1							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID: WAC01-0.0-1									
Sample Location: WAC01									
Top Depth(m): 0.00									
Bottom Depth(m):									
Sampling Date: 20-Jan-2025									
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	M	%				3		
Loss On Ignition	2610	M	%				5		
Total BTEX	2760	M	mg/kg				6		
Total PCBs (7 Congeners)	2815	M	mg/kg				1		
TPH Total WAC	2670	M	mg/kg				480		
Total (Of 17) PAH's	2800	N	mg/kg				4.3		
pH at 20C	2010	M					7.9		
Acid Neutralisation Capacity	2015	N	mol/kg	0.049			To evaluate		
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0019	0.0012	0.0038	0.013	0.5	2	25
Barium	1455	U	0.062	0.070	0.12	0.68	20	100	300
Cadmium	1455	U	< 0.00011	< 0.00011	< 0.00011	< 0.00011	0.04	1	5
Chromium	1455	U	0.0051	0.0042	0.010	0.044	0.5	10	70
Copper	1455	U	0.0058	0.0033	0.012	0.010	2	50	100
Mercury	1455	U	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.01	0.2	2
Molybdenum	1455	U	0.0014	0.0004	0.0028	0.0059	0.5	10	30
Nickel	1455	U	0.0026	0.0022	0.0052	0.023	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.5	10	50
Antimony	1455	U	0.0010	< 0.0005	0.0019	0.0017	0.06	0.7	5
Selenium	1455	U	0.0035	0.0012	0.0070	0.016	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.003	< 0.003	< 0.003	4	50	200
Chloride	1220	U	10	3.3	20	45	800	15000	25000
Fluoride	1220	U	0.58	0.27	1.2	3.2	10	150	500
Sulphate	1220	U	15	2.7	30	49	1000	20000	50000
Total Dissolved Solids	1020	N	200	150	400	1600	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	4.1	< 2.5	< 50	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	1.6

Leachate Test Information	
Leachant volume 1st extract/l	0.347
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.308

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: STW6825 Baldock Industrial Estate

Chemtest Job No: 25-03497							Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 1926275							Limits			
Sample Ref: 1							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID: WAC02-0.0-1										
Sample Location: WAC02										
Top Depth(m): 0.00										
Bottom Depth(m):										
Sampling Date: 20-Jan-2025										
Determinand	SOP	Accred.	Units							
Total Organic Carbon	2625	M	%				1.3	3	5	6
Loss On Ignition	2610	M	%				2.4	--	--	10
Total BTEX	2760	M	mg/kg				< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg				< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg				< 10	500	--	--
Total (Of 17) PAH's	2800	N	mg/kg				5.2	100	--	--
pH at 20C	2010	M					10.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg				0.015	--	To evaluate	To evaluate
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg			
Arsenic	1455	U	0.0023	0.0017	0.0046	0.018	0.5	2	25	
Barium	1455	U	0.023	0.024	0.045	0.24	20	100	300	
Cadmium	1455	U	< 0.00011	< 0.00011	< 0.00011	< 0.00011	0.04	1	5	
Chromium	1455	U	0.044	0.012	0.088	0.17	0.5	10	70	
Copper	1455	U	0.014	0.0041	0.027	0.022	2	50	100	
Mercury	1455	U	< 0.00005	< 0.00005	< 0.00005	< 0.00005	0.01	0.2	2	
Molybdenum	1455	U	0.018	0.0040	0.036	0.063	0.5	10	30	
Nickel	1455	U	0.0032	0.0027	0.0063	0.028	0.4	10	40	
Lead	1455	U	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.5	10	50	
Antimony	1455	U	0.0053	0.0019	0.011	0.025	0.06	0.7	5	
Selenium	1455	U	0.0009	0.0005	0.0019	0.0061	0.1	0.5	7	
Zinc	1455	U	< 0.003	< 0.003	< 0.003	< 0.003	4	50	200	
Chloride	1220	U	5.7	1.4	11	21	800	15000	25000	
Fluoride	1220	U	0.91	0.40	1.8	4.8	10	150	500	
Sulphate	1220	U	96	25	190	360	1000	20000	50000	
Total Dissolved Solids	1020	N	210	110	410	1300	4000	60000	100000	
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-	
Dissolved Organic Carbon	1610	U	6.0	3.2	< 50	< 50	500	800	1000	

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	6.9

Leachate Test Information	
Leachant volume 1st extract/l	0.337
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.276

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity at 25°C and Total Dissolved Solids (TDS) in Waters	Conductivity Meter	TE TS PL LE SW GW
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW FW
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation	PL SW GW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	
2010	pH Value of Soils	pH at 20°C	pH Meter	
2015	Acid Neutralisation Capacity	Acid Reserve	Titration	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930	
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenzo[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS. Reported PCB 101 results may contain contributions from PCB 90 due to inseparable chromatography.	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	
650	Characterisation of Waste (Leaching WAC)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

The following tests were analysed on samples 'as received' and the results subsequently corrected to a dry weight basis EPH, VPH, TPH, BTEX, VOCs, SVOCs, PCBs, Phenols.

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

All water samples will be retained for 14 days from the date of receipt.

Charges may apply to extended sample storage.

Water Sample Category Key for Accreditation

Report Information

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com



Final Report

Report No.: 25-03501-1

Initial Date of Issue: 25-Feb-2025

Re-Issue Details:

Client Soiltechnics Limited

Client Address: 1st Floor Unit 9 Westpoint Enterprise
Park
Clarence Avenue
Trafford Park
Manchester
M17 1QS

Contact(s): Admin

Project STW6825 Baldock Industrial Estate

Quotation No.: **Date Received:** 03-Feb-2025

Order No.: POR021418 **Date Instructed:** 03-Feb-2025

No. of Samples: 13

Turnaround (Wkdays): 5 **Results Due:** 07-Feb-2025

Date Approved: 25-Feb-2025

Approved By:



Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Bulk Identification Certificate

Client: Soiltechnics Limited

Site Address:

Date Sampled: 20-Jan-2025

Date Received: 03-Feb-2025

Your Ref.:

Project: STW6825 Baldock Industrial Estate

Job Number: 25-03501

No Samples:

Date Reported: 25-Feb-2025

Sample No.	Sample ID	Sample Ref.	Description	Top (m)	Bottom (m)	SOP	Accred.	Laboratory	Material	Result
1926289	TP01-0.3-1	1	TP01	0.30		2185	U	DURHAM	Cement	Chrysotile

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.
The results presented in this report are based on information supplied by the customer.

The laboratory has not independently verified this information,
and therefore, the accuracy and completeness of the results are contingent upon the validity of the provided data.

Bulk sample disclaimer: The results presented in this report are based on the analysis conducted by the laboratory analyst
and reflect their professional opinion. These results should not be interpreted as definitive or conclusive evidence without further investigation.
The opinions are not UKAS accredited.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.: 25-03501						25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.: 1926280						1926281	1926282	1926283	1926284	1926285	1926287
Order No.: POR021418		Client Sample Ref.:						1	1	20	18	7	12
		Client Sample ID.:						BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12
		Sample Location:						BH01	BH01	BH02	BH02	BH03	BH03
		Sample Type:						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						0.50	18.00	15.75	0.50	1.50	18.00
		Date Sampled:						29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025
		Asbestos Lab:											DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD								
ACM Type		U	2192		N/A								-
Asbestos Identification		U	2192		N/A								No Asbestos Detected
Moisture		N	2030	%	0.020	26	18	18	23	21	23	14	20
Stones and Removed Materials		N	2030	%	0.020								
Soil Colour		N	2040		N/A	Brown	White	White	White	White	White	White	White
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones and leaves	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Clay	Clay	Chalk	Chalk	Chalk	Chalk	Chalk	Clay
pH at 20C		M	2010		4.0	8.4	8.9	10.6	9.2	8.3	8.8	8.8	8.9
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	0.78	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	< 0.010	< 0.010	0.018	< 0.010	0.066	0.018	0.019	< 0.010
Nitrate (Water Soluble)		N	2220	g/l	0.010	0.020	0.011	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Cyanide (Complex)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Free)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	2.4	3.8	22	1.7	2.1	1.9	17	1.9
Arsenic		M	2455	mg/kg	0.5	3.0	< 0.5	0.5	< 0.5	2.4	< 0.5	4.4	< 0.5
Beryllium		U	2455	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium		M	2455	mg/kg	0.10	0.13	0.13	0.18	< 0.10	< 0.10	0.14	< 0.10	0.12
Chromium		M	2455	mg/kg	0.5	7.6	0.5	0.8	< 0.5	3.7	0.7	8.8	0.5
Copper		M	2455	mg/kg	0.50	8.5	2.9	3.2	2.2	4.3	3.3	4.5	2.7
Mercury		M	2455	mg/kg	0.05	< 0.05	< 0.05	0.34	< 0.05	0.05	< 0.05	< 0.05	< 0.05
Nickel		M	2455	mg/kg	0.50	7.5	1.8	1.6	1.3	4.0	2.0	6.9	1.5
Lead		M	2455	mg/kg	0.50	4.4	1.5	2.1	1.2	3.1	2.4	3.7	1.9
Selenium		M	2455	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vanadium		U	2455	mg/kg	0.5	11	0.8	0.9	0.6	6.6	1.1	13	0.7
Zinc		M	2455	mg/kg	0.50	37	11	11	9.1	15	12	17	12
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10	[C] < 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	[C] < 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	2.8	[C] 2.1	4.4	3.5	< 2.0	< 2.0	< 2.0	< 2.0

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287			
Order No.: POR021418		Client Sample Ref.:	1	1	20	18	7	12	9	11			
		Client Sample ID.:	BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511			
		Sample Location:	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04			
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
		Top Depth (m):	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50			
		Date Sampled:	29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025			
		Asbestos Lab:											DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD								
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	3.2	[C] < 1.0	1.3	3.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	39	[C] 21	16	23	33	24	< 3.0	< 3.0
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	34	[C] 13	17	15	30	15	< 10	< 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	45	[C] 24	22	32	35	24	< 5.0	< 5.0
Total Aliphatic EPH >C10-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	79	[C] 37	39	46	65	40	< 10	< 10
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	[C] < 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	3.1	[C] < 2.0	4.2	3.3	4.8	2.4	< 2.0	< 2.0
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	5.5	[C] < 2.0	2.1	2.3	7.6	4.0	< 2.0	< 2.0
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	33	[C] 12	20	18	20	12	1.2	1.1
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	9.6	[C] < 5.0	6.3	5.7	13	6.4	< 5.0	< 5.0
Total Aromatic EPH >C10-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	10.00	43	[C] 12	26	24	33	19	< 10	< 10
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	55	[C] 28	28	37	47	31	< 10	< 10
Total EPH >C10-C40 MC	EH_2D_Total_#1	N	2690	mg/kg	10.00	120	[C] 53	65	70	98	58	< 10	< 10
Organic Matter		M	2625	%	0.40	2.2	5.5	2.6	3.8	2.4	5.2	5.2	8.3
Dichlorodifluoromethane		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		M	2760	µg/kg	20	< 20	[C] < 20	< 20	< 20	< 20	< 20	< 20	< 20
Chloroethane		U	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	2760	µg/kg	5.0	< 5.0	[C] < 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloromethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287
Order No.: POR021418		Client Sample Ref.:	1	1	20	18	7	12	9	11
		Client Sample ID.:	BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511
		Sample Location:	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50
		Date Sampled:	29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025
		Asbestos Lab:								DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
Benzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		M	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane		M	2760	µg/kg	5.0	< 5.0	[C] < 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	[C] < 10	< 10	< 10	< 10
Toluene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	[C] < 10	< 10	< 10	< 10
1,1,2-Trichloroethane		M	2760	µg/kg	10	< 10	[C] < 10	< 10	< 10	< 10
Tetrachloroethene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	2760	µg/kg	10	< 10	[C] < 10	< 10	< 10	< 10
1,2-Dibromoethane		M	2760	µg/kg	5.0	< 5.0	[C] < 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		M	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Styrene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	2760	µg/kg	50	< 50	[C] < 50	< 50	< 50	< 50
N-Propylbenzene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
N-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287
Order No.: POR021418		Client Sample Ref.:	1	1	20	18	7	12	9	11
		Client Sample ID.:	BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511
		Sample Location:	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50
		Date Sampled:	29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025
		Asbestos Lab:								DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
1,2-Dibromo-3-Chloropropane		U	2760	µg/kg	50	< 50	[C] < 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		N	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Carbon Disulphide		N	2760	µg/kg	50	< 50	[C] < 50	< 50	< 50	< 50
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Phenol		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Isophorone		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Naphthalene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
4-Chloroaniline		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
4-Nitrophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
2-Nitroaniline		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287	1926287
Order No.: POR021418		Client Sample Ref.:		1	1	20	18	7	12	9	11	11
		Client Sample ID.:		BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511	
		Sample Location:		BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50	
		Date Sampled:		29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	
		Asbestos Lab:										DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
Dimethylphthalate		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,6-Dinitrotoluene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
3-Nitroaniline		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorophenylphenylether		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Diethyl Phthalate		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	2.2	< 0.50	< 0.50
Anthracene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.61	< 0.50	< 0.50
Carbazole		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	2.0	< 0.50	< 0.50
Pyrene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	1.9	< 0.50	< 0.50
Butylbenzyl Phthalate		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.76	< 0.50	< 0.50
Chrysene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.76	< 0.50	< 0.50
Bis(2-Ethylhexyl)Phthalate		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.81	< 0.50	< 0.50
Benzo[k]fluoranthene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]pyrene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.68	< 0.50	< 0.50
Indeno(1,2,3-c,d)Pyrene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenz(a,h)Anthracene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.14	< 0.10
Anthracene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:				25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:				1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287
Order No.: POR021418		Client Sample Ref.:				1	1	20	18	7	12	9	11
		Client Sample ID.:				BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511
		Sample Location:				BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50
		Date Sampled:				29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025
		Asbestos Lab:											DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD								
Fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.13	< 0.10	0.10	< 0.10
Pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.16	< 0.10	0.10	< 0.10
Benzo[a]anthracene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		N	2800	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
VOC TIC		N	2760	µg/kg	N/A	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:		2	3	2	4
		Client Sample ID.:		TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:		TP01	TP01	TP02	TP02
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.20	0.75	0.50	0.90
		Date Sampled:		20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
ACM Type		U	2192		N/A	-	Fibres/Clumps
Asbestos Identification		U	2192		N/A	No Asbestos Detected	Chrysotile
Moisture		N	2030	%	0.020	4.2	11
Stones and Removed Materials		N	2030	%	0.020	< 0.020	< 0.020
Soil Colour		N	2040		N/A	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones and brick
Soil Texture		N	2040		N/A	Loam	Sand
pH at 20C		M	2010		4.0	8.9	9.6
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	< 0.40	0.72
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		
Nitrate (Water Soluble)		N	2220	g/l	0.010		
Cyanide (Complex)		M	2300	mg/kg	0.50	< 0.50	1.9
Cyanide (Free)		M	2300	mg/kg	0.50	< 0.50	< 0.50
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	1.9
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50		
Arsenic		M	2455	mg/kg	0.5	14	31
Beryllium		U	2455	mg/kg	0.5	2.5	1.5
Cadmium		M	2455	mg/kg	0.10	0.40	0.39
Chromium		M	2455	mg/kg	0.5	30	35
Copper		M	2455	mg/kg	0.50	77	27
Mercury		M	2455	mg/kg	0.05	0.23	0.64
Nickel		M	2455	mg/kg	0.50	23	31
Lead		M	2455	mg/kg	0.50	66	240
Selenium		M	2455	mg/kg	0.25	1.2	0.67
Vanadium		U	2455	mg/kg	0.5	75	47
Zinc		M	2455	mg/kg	0.50	170	200
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10		
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25		
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:	2	3	2	4
		Client Sample ID.:	TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:	TP01	TP01	TP02	TP02
		Sample Type:	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.20	0.75	0.50	0.90
		Date Sampled:	20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:	DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD	
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	72
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	90
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	36
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	< 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	200
Total Aliphatic EPH >C10-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	200
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	13
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	12
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	49
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	26
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	74
Total Aromatic EPH >C10-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	10.00	99
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	270
Total EPH >C10-C40 MC	EH_2D_Total_#1	N	2690	mg/kg	10.00	300
Organic Matter		M	2625	%	0.40	4.7
Dichlorodifluoromethane		U	2760	µg/kg	1.0	2.4
Chloromethane		M	2760	µg/kg	1.0	2.1
Vinyl Chloride		M	2760	µg/kg	1.0	
Bromomethane		M	2760	µg/kg	20	
Chloroethane		U	2760	µg/kg	2.0	
Trichlorofluoromethane		M	2760	µg/kg	1.0	
1,1-Dichloroethene		M	2760	µg/kg	1.0	
Trans 1,2-Dichloroethene		M	2760	µg/kg	1.0	
1,1-Dichloroethane		M	2760	µg/kg	1.0	
cis 1,2-Dichloroethene		M	2760	µg/kg	1.0	
Bromochloromethane		U	2760	µg/kg	5.0	
Trichloromethane		M	2760	µg/kg	1.0	
1,1,1-Trichloroethane		M	2760	µg/kg	1.0	
Tetrachloromethane		M	2760	µg/kg	1.0	
1,1-Dichloropropene		U	2760	µg/kg	1.0	

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:	2	3	2	4
		Client Sample ID.:	TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:	TP01	TP01	TP02	TP02
		Sample Type:	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.20	0.75	0.50	0.90
		Date Sampled:	20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:	DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD	
Benzene		M	2760	µg/kg	1.0	< 1.0
1,2-Dichloroethane		M	2760	µg/kg	2.0	< 2.0
Trichloroethene		N	2760	µg/kg	1.0	< 1.0
1,2-Dichloropropane		M	2760	µg/kg	1.0	< 1.0
Dibromomethane		M	2760	µg/kg	1.0	< 1.0
Bromodichloromethane		M	2760	µg/kg	5.0	< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	< 10
Toluene		M	2760	µg/kg	1.0	< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	< 10
1,1,2-Trichloroethane		M	2760	µg/kg	10	< 10
Tetrachloroethene		M	2760	µg/kg	1.0	< 1.0
1,3-Dichloropropane		U	2760	µg/kg	2.0	< 2.0
Dibromochloromethane		U	2760	µg/kg	10	< 10
1,2-Dibromoethane		M	2760	µg/kg	5.0	< 5.0
Chlorobenzene		M	2760	µg/kg	1.0	< 1.0
1,1,1,2-Tetrachloroethane		M	2760	µg/kg	2.0	< 2.0
Ethylbenzene		M	2760	µg/kg	1.0	1.2
m & p-Xylene		M	2760	µg/kg	1.0	3.9
o-Xylene		M	2760	µg/kg	1.0	3.6
Styrene		M	2760	µg/kg	1.0	< 1.0
Tribromomethane		U	2760	µg/kg	1.0	< 1.0
Isopropylbenzene		M	2760	µg/kg	1.0	< 1.0
Bromobenzene		M	2760	µg/kg	1.0	< 1.0
1,2,3-Trichloropropane		N	2760	µg/kg	50	< 50
N-Propylbenzene		U	2760	µg/kg	1.0	< 1.0
2-Chlorotoluene		M	2760	µg/kg	1.0	< 1.0
1,3,5-Trimethylbenzene		M	2760	µg/kg	1.0	3.9
4-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0
Tert-Butylbenzene		U	2760	µg/kg	1.0	< 1.0
1,2,4-Trimethylbenzene		M	2760	µg/kg	1.0	6.9
Sec-Butylbenzene		U	2760	µg/kg	1.0	< 1.0
1,3-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0
4-Isopropyltoluene		U	2760	µg/kg	1.0	< 1.0
1,4-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0
N-Butylbenzene		U	2760	µg/kg	1.0	< 1.0
1,2-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:		2	3	2	4
		Client Sample ID.:		TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:		TP01	TP01	TP02	TP02
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.20	0.75	0.50	0.90
		Date Sampled:		20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
1,2-Dibromo-3-Chloropropane		U	2760	µg/kg	50		< 50
1,2,4-Trichlorobenzene		M	2760	µg/kg	1.0		< 1.0
Hexachlorobutadiene		N	2760	µg/kg	1.0		< 1.0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0		< 2.0
Carbon Disulphide		N	2760	µg/kg	50		< 50
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		< 1.0
N-Nitrosodimethylamine		M	2790	mg/kg	0.50		< 0.50
Phenol		M	2790	mg/kg	0.50		< 0.50
2-Chlorophenol		N	2790	mg/kg	0.50		< 0.50
Bis-(2-Chloroethyl)Ether		M	2790	mg/kg	0.50		< 0.50
1,3-Dichlorobenzene		M	2790	mg/kg	0.50		< 0.50
1,4-Dichlorobenzene		N	2790	mg/kg	0.50		< 0.50
1,2-Dichlorobenzene		M	2790	mg/kg	0.50		< 0.50
2-Methylphenol		M	2790	mg/kg	0.50		< 0.50
Bis(2-Chloroisopropyl)Ether		M	2790	mg/kg	0.50		< 0.50
Hexachloroethane		N	2790	mg/kg	0.50		< 0.50
N-Nitrosodi-n-propylamine		M	2790	mg/kg	0.50		< 0.50
4-Methylphenol		M	2790	mg/kg	0.50		< 0.50
Nitrobenzene		N	2790	mg/kg	0.50		< 0.50
Isophorone		M	2790	mg/kg	0.50		< 0.50
2-Nitrophenol		N	2790	mg/kg	0.50		< 0.50
2,4-Dimethylphenol		N	2790	mg/kg	0.50		< 0.50
Bis(2-Chloroethoxy)Methane		M	2790	mg/kg	0.50		< 0.50
2,4-Dichlorophenol		N	2790	mg/kg	0.50		< 0.50
1,2,4-Trichlorobenzene		M	2790	mg/kg	0.50		< 0.50
Naphthalene		M	2790	mg/kg	0.50		< 0.50
4-Chloroaniline		N	2790	mg/kg	0.50		< 0.50
Hexachlorobutadiene		M	2790	mg/kg	0.50		< 0.50
4-Chloro-3-Methylphenol		N	2790	mg/kg	0.50		< 0.50
2-Methylnaphthalene		M	2790	mg/kg	0.50		< 0.50
4-Nitrophenol		N	2790	mg/kg	0.50		< 0.50
2,4,6-Trichlorophenol		N	2790	mg/kg	0.50		< 0.50
2,4,5-Trichlorophenol		N	2790	mg/kg	0.50		< 0.50
2-Chloronaphthalene		M	2790	mg/kg	0.50		< 0.50
2-Nitroaniline		N	2790	mg/kg	0.50		< 0.50
Acenaphthylene		M	2790	mg/kg	0.50		< 0.50

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:		2	3	2	4
		Client Sample ID.:		TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:		TP01	TP01	TP02	TP02
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.20	0.75	0.50	0.90
		Date Sampled:		20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Dimethylphthalate		M	2790	mg/kg	0.50		< 0.50
2,6-Dinitrotoluene		N	2790	mg/kg	0.50		< 0.50
Acenaphthene		M	2790	mg/kg	0.50		< 0.50
3-Nitroaniline		N	2790	mg/kg	0.50		< 0.50
Dibenzofuran		M	2790	mg/kg	0.50		< 0.50
4-Chlorophenylphenylether		M	2790	mg/kg	0.50		< 0.50
2,4-Dinitrotoluene		N	2790	mg/kg	0.50		< 0.50
Fluorene		M	2790	mg/kg	0.50		< 0.50
Diethyl Phthalate		M	2790	mg/kg	0.50		< 0.50
4-Nitroaniline		N	2790	mg/kg	0.50		< 0.50
Azobenzene		M	2790	mg/kg	0.50		< 0.50
4-Bromophenylphenyl Ether		M	2790	mg/kg	0.50		< 0.50
Hexachlorobenzene		M	2790	mg/kg	0.50		< 0.50
Phenanthrene		M	2790	mg/kg	0.50		< 0.50
Anthracene		M	2790	mg/kg	0.50		0.91
Carbazole		M	2790	mg/kg	0.50		< 0.50
Di-N-Butyl Phthalate		N	2790	mg/kg	0.50		< 0.50
Fluoranthene		M	2790	mg/kg	0.50		1.1
Pyrene		M	2790	mg/kg	0.50		0.89
Butylbenzyl Phthalate		N	2790	mg/kg	0.50		< 0.50
Benzo[a]anthracene		M	2790	mg/kg	0.50		< 0.50
Chrysene		M	2790	mg/kg	0.50		< 0.50
Bis(2-Ethylhexyl)Phthalate		N	2790	mg/kg	0.50		< 0.50
Di-N-Octyl Phthalate		N	2790	mg/kg	0.50		< 0.50
Benzo[b]fluoranthene		M	2790	mg/kg	0.50		< 0.50
Benzo[k]fluoranthene		M	2790	mg/kg	0.50		< 0.50
Benzo[a]pyrene		M	2790	mg/kg	0.50		< 0.50
Indeno(1,2,3-c,d)Pyrene		N	2790	mg/kg	0.50		< 0.50
Dibenz(a,h)Anthracene		N	2790	mg/kg	0.50		< 0.50
Benzo[g,h,i]perylene		M	2790	mg/kg	0.50		< 0.50
Naphthalene		M	2800	mg/kg	0.10	0.21	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Fluorene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Phenanthrene		M	2800	mg/kg	0.10	0.27	1.4
Anthracene		M	2800	mg/kg	0.10	0.10	0.50

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:						25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:						1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:						2	3	2	4
		Client Sample ID.:						TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:						TP01	TP01	TP02	TP02
		Sample Type:						SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						0.20	0.75	0.50	0.90
		Date Sampled:						20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:						DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
Fluoranthene		M	2800	mg/kg	0.10	0.37		3.0	0.85	1.4	
Pyrene		M	2800	mg/kg	0.10	0.37		2.5	0.72	1.0	
Benzo[a]anthracene		M	2800	mg/kg	0.10	< 0.10		1.7	0.41	0.54	
Chrysene		M	2800	mg/kg	0.10	< 0.10		1.5	0.33	0.58	
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	< 0.10		2.5	0.51	0.60	
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	< 0.10		0.81	0.20	0.28	
Benzo[a]pyrene		M	2800	mg/kg	0.10	< 0.10		1.9	0.51	0.61	
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	< 0.10		1.4	0.35	0.32	
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10		0.22	< 0.10	< 0.10	
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	< 0.10		1.0	0.25	0.34	
Total Of 16 PAH's		N	2800	mg/kg	2.0	< 2.0		19	4.9	7.5	
Total Phenols		M	2920	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10	
VOC TIC		N	2760	µg/kg	N/A					None Detected	

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1926281	1	ADP6250121002	BH01	20-Jan-2025	C	Plastic Tub 1000g

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2010	pH Value of Soils	pH at 20°C	pH Meter	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2185	Asbestos	Asbestos	Polarised light microscopy	
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry	
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurement by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.	
2300	Cyanides & Thiocyanate in Soils	Free (or easily liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazine.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8–C10 Aromatics: >C5–C7,>C7–C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenzo[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

The following tests were analysed on samples 'as received' and the results subsequently corrected to a dry weight basis EPH, VPH, TPH, BTEX, VOCs, SVOCs, PCBs, Phenols.

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

NEW_ASB	Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL
DURHAM	Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

All water samples will be retained for 14 days from the date of receipt.

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com



Amended Report

Report No.: 25-03501-2

Initial Date of Issue: 25-Feb-2025 **Date of Re-Issue:** 05-Mar-2025

Re-Issue Details: This report has been revised and directly supersedes 25-03501-1 in its entirety

Client: Soiltechnics Limited

Client Address: 1st Floor Unit 9 Westpoint Enterprise Park
Clarence Avenue
Trafford Park
Manchester
M17 1QS

Contact(s): Admin

Project: STW6825 Baldock Industrial Estate

Quotation No.: **Date Received:** 03-Feb-2025

Order No.: POR021418 **Date Instructed:** 03-Feb-2025

No. of Samples: 13

Turnaround (Wkdays): 24 **Results Due:** 06-Mar-2025

Date Approved: 05-Mar-2025

Approved By:

Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Bulk Identification Certificate

Client:

Soiltechnics Limited

Site Address:

Date Sampled:

20-Jan-2025

Date Received:

03-Feb-2025

Your Ref.:

Project:

STW6825 Baldock Industrial Estate

Job Number:

25-03501

No Samples:

Date Reported:

25-Feb-2025

Sample No.	Sample ID	Sample Ref.	Description	Top (m)	Bottom (m)	SOP	Accred.	Laboratory	Material	Result
1926289	TP01-0.3-1	1	TP01	0.30		2185	U	DURHAM	Cement	Chrysotile

The in-house procedure SOP2185 is in accordance with the requirements of Appendix 2 of the Analyst Guide (HSG 248).

The results relate only to items tested as supplied by the client.
The results presented in this report are based on information supplied by the customer.

The laboratory has not independently verified this information,
and therefore, the accuracy and completeness of the results are contingent upon the validity of the provided data.

Bulk sample disclaimer: The results presented in this report are based on the analysis conducted by the laboratory analyst
and reflect their professional opinion. These results should not be interpreted as definitive or conclusive evidence without further investigation.
The opinions are not UKAS accredited.

Samples associated with asbestos in building surveys are retained for six months (HSG 264 refers)

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:						25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:						1926280	1926281	1926282	1926283	1926284	1926285	1926287
Order No.: POR021418		Client Sample Ref.:						1	1	20	18	7	12	9
		Client Sample ID.:						BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1
		Sample Location:						BH01	BH01	BH02	BH02	BH03	BH03	BH04
		Sample Type:						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						0.50	18.00	15.75	0.50	1.50	18.00	1.50
		Date Sampled:						29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025
		Asbestos Lab:												DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD									
ACM Type		U	2192		N/A									-
Asbestos Identification		U	2192		N/A									No Asbestos Detected
Asbestos by Gravimetry		U	2192	%	0.001									
Total Asbestos		U	2192	%	0.001									
Moisture		N	2030	%	0.020	26	18	18	23	21	23	14	20	
Stones and Removed Materials		N	2030	%	0.020									
Soil Colour		N	2040		N/A	Brown	White	White	White	White	White	White	White	White
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones and leaves	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Clay	Clay	Chalk	Chalk	Chalk	Chalk	Chalk	Chalk	Clay
pH at 20C		M	2010		4.0	8.4	8.9	10.6	9.2	8.3	8.8	8.8	8.8	8.9
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	0.78	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	< 0.010	< 0.010	0.018	< 0.010	0.066	0.018	0.019	< 0.010	< 0.010
Nitrate (Water Soluble)		N	2220	g/l	0.010	0.020	0.011	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Cyanide (Complex)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Free)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	2.4	3.8	22	1.7	2.1	1.9	17	1.9	1.9
Arsenic		M	2455	mg/kg	0.5	3.0	< 0.5	0.5	< 0.5	2.4	< 0.5	4.4	< 0.5	< 0.5
Beryllium		U	2455	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Cadmium		M	2455	mg/kg	0.10	0.13	0.13	0.18	< 0.10	< 0.10	0.14	< 0.10	0.12	0.12
Chromium		M	2455	mg/kg	0.5	7.6	0.5	0.8	< 0.5	3.7	0.7	8.8	0.5	0.5
Copper		M	2455	mg/kg	0.50	8.5	2.9	3.2	2.2	4.3	3.3	4.5	2.7	2.7
Mercury		M	2455	mg/kg	0.05	< 0.05	< 0.05	0.34	< 0.05	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel		M	2455	mg/kg	0.50	7.5	1.8	1.6	1.3	4.0	2.0	6.9	1.5	1.5
Lead		M	2455	mg/kg	0.50	4.4	1.5	2.1	1.2	3.1	2.4	3.7	1.9	1.9
Selenium		M	2455	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Vanadium		U	2455	mg/kg	0.5	11	0.8	0.9	0.6	6.6	1.1	13	0.7	0.7
Zinc		M	2455	mg/kg	0.50	37	11	11	9.1	15	12	17	12	12
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10	[C] < 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287
Order No.: POR021418		Client Sample Ref.:	1	1	20	18	7	12	9	11
		Client Sample ID.:	BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511
		Sample Location:	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50
		Date Sampled:	29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025
		Asbestos Lab:								DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	[C] < 0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	2.8	[C] 2.1	4.4	3.5	< 2.0
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	3.2	[C] < 1.0	1.3	3.0	< 1.0
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	39	[C] 21	16	23	33
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	34	[C] 13	17	15	30
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	45	[C] 24	22	32	35
Total Aliphatic EPH >C10-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	79	[C] 37	39	46	65
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	[C] < 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	[C] < 0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	3.1	[C] < 2.0	4.2	3.3	4.8
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	5.5	[C] < 2.0	2.1	2.3	7.6
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	33	[C] 12	20	18	20
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	9.6	[C] < 5.0	6.3	5.7	13
Total Aromatic EPH >C10-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	10.00	43	[C] 12	26	24	33
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	55	[C] 28	28	37	47
Total EPH >C10-C40 MC	EH_2D_Total_#1	N	2690	mg/kg	10.00	120	[C] 53	65	70	98
Organic Matter		M	2625	%	0.40	2.2	5.5	2.6	3.8	2.4
Dichlorodifluoromethane		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Chloromethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Bromomethane		M	2760	µg/kg	20	< 20	[C] < 20	< 20	< 20	< 20
Chloroethane		U	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Trichlorofluoromethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Bromochloromethane		U	2760	µg/kg	5.0	< 5.0	[C] < 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287
Order No.: POR021418		Client Sample Ref.:	1	1	20	18	7	12	9	11
		Client Sample ID.:	BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511
		Sample Location:	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50
		Date Sampled:	29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025
		Asbestos Lab:								DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
Tetrachloromethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Benzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane		M	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Trichloroethene		N	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane		M	2760	µg/kg	5.0	< 5.0	[C] < 5.0	< 5.0	< 5.0	< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	[C] < 10	< 10	< 10	< 10
Toluene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10	< 10	[C] < 10	< 10	< 10	< 10
1,1,2-Trichloroethane		M	2760	µg/kg	10	< 10	[C] < 10	< 10	< 10	< 10
Tetrachloroethene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Dibromochloromethane		U	2760	µg/kg	10	< 10	[C] < 10	< 10	< 10	< 10
1,2-Dibromoethane		M	2760	µg/kg	5.0	< 5.0	[C] < 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		M	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0
Ethylbenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Styrene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Tribromomethane		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	2760	µg/kg	50	< 50	[C] < 50	< 50	< 50	< 50
N-Propylbenzene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
2-Chlorotoluene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
4-Chlorotoluene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287	1926287
Order No.: POR021418		Client Sample Ref.:		1	1	20	18	7	12	9	11	11
		Client Sample ID.:		BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511	
		Sample Location:		BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50	
		Date Sampled:		29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	
		Asbestos Lab:										DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
N-Butylbenzene		U	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		U	2760	µg/kg	50	< 50	[C] < 50	< 50	< 50	< 50	< 50	< 50
1,2,4-Trichlorobenzene		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene		N	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0	< 2.0	[C] < 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Carbon Disulphide		N	2760	µg/kg	50	< 50	[C] < 50	< 50	< 50	< 50	< 50	< 50
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	< 1.0	[C] < 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenol		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chlorophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,3-Dichlorobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,4-Dichlorobenzene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2-Dichlorobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylphenol		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachloroethane		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Methylphenol		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Nitrobenzene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Isophorone		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Nitrophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dimethylphenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dichlorophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloroaniline		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobutadiene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Methylnaphthalene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitrophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2-Chloronaphthalene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287	1926287
Order No.: POR021418		Client Sample Ref.:		1	1	20	18	7	12	9	11	11
		Client Sample ID.:		BH01-0.5-1	ADP62501210 02	BH02-15.75- 20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511	
		Sample Location:		BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50	
		Date Sampled:		29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	
		Asbestos Lab:										DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
2-Nitroaniline		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthylene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dimethylphthalate		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,6-Dinitrotoluene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Acenaphthene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
3-Nitroaniline		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenzofuran		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Chlorophenylphenylether		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
2,4-Dinitrotoluene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluorene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Diethyl Phthalate		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Nitroaniline		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Azobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Hexachlorobenzene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Phenanthrene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	2.2	< 0.50	< 0.50
Anthracene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.61	< 0.50	< 0.50
Carbazole		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Fluoranthene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	2.0	< 0.50	< 0.50
Pyrene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	1.9	< 0.50	< 0.50
Butylbenzyl Phthalate		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]anthracene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.76	< 0.50	< 0.50
Chrysene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.76	< 0.50	< 0.50
Bis(2-Ethylhexyl)Phthalate		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[b]fluoranthene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.81	< 0.50	< 0.50
Benzo[k]fluoranthene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[a]pyrene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	0.68	< 0.50	< 0.50
Indeno(1,2,3-c,d)Pyrene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Dibenz(a,h)Anthracene		N	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene		M	2790	mg/kg	0.50	< 0.50	[C] < 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Naphthalene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926280	1926281	1926282	1926283	1926284	1926285	1926286	1926287		
Order No.: POR021418		Client Sample Ref.:	1	1	20	18	7	12	9	11		
		Client Sample ID.:	BH01-0.5-1	ADP62501210-02	BH02-15.75-20	BH02-0.5-1	BH03-1.5-1	BH03-18-12	BH04-1.5-1	BH04-17.511		
		Sample Location:	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04		
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
		Top Depth (m):	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50		
		Date Sampled:	29-Jan-2025	20-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025	29-Jan-2025		
		Asbestos Lab:										DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
Phenanthrene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.14	< 0.10
Anthracene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.13	< 0.10	< 0.10
Pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.16	< 0.10	< 0.10
Benzo[a]anthracene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		N	2800	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
VOC TIC		N	2760	µg/kg	N/A	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:		2	3	2	4
		Client Sample ID.:		TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:		TP01	TP01	TP02	TP02
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.20	0.75	0.50	0.90
		Date Sampled:		20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
ACM Type		U	2192		N/A	-	Fibres/Clumps
Asbestos Identification		U	2192		N/A	No Asbestos Detected	Chrysotile
Asbestos by Gravimetry		U	2192	%	0.001		0.001
Total Asbestos		U	2192	%	0.001		0.001
Moisture		N	2030	%	0.020	4.2	11
Stones and Removed Materials		N	2030	%	0.020	< 0.020	< 0.020
Soil Colour		N	2040		N/A	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones and brick
Soil Texture		N	2040		N/A	Loam	Sand
pH at 20C		M	2010		4.0	8.9	9.6
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	< 0.40	0.72
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		1.6
Nitrate (Water Soluble)		N	2220	g/l	0.010		
Cyanide (Complex)		M	2300	mg/kg	0.50	< 0.50	1.9
Cyanide (Free)		M	2300	mg/kg	0.50	< 0.50	< 0.50
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	1.9
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50		
Arsenic		M	2455	mg/kg	0.5	14	31
Beryllium		U	2455	mg/kg	0.5	2.5	1.5
Cadmium		M	2455	mg/kg	0.10	0.40	0.39
Chromium		M	2455	mg/kg	0.5	30	35
Copper		M	2455	mg/kg	0.50	77	27
Mercury		M	2455	mg/kg	0.05	0.23	0.64
Nickel		M	2455	mg/kg	0.50	23	31
Lead		M	2455	mg/kg	0.50	66	240
Selenium		M	2455	mg/kg	0.25	1.2	0.67
Vanadium		U	2455	mg/kg	0.5	75	47
Zinc		M	2455	mg/kg	0.50	170	200
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10		
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:	25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:	1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:	2	3	2	4
		Client Sample ID.:	TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:	TP01	TP01	TP02	TP02
		Sample Type:	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	0.20	0.75	0.50	0.90
		Date Sampled:	20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:	DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD	
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	0.39
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	3.2
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	72
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	90
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	36
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	< 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	200
Total Aliphatic EPH >C10-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	200
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	13
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	12
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	49
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	26
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	74
Total Aromatic EPH >C10-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	10.00	99
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	270
Total EPH >C10-C40 MC	EH_2D_Total_#1	N	2690	mg/kg	10.00	300
Organic Matter		M	2625	%	0.40	4.7
Dichlorodifluoromethane		U	2760	µg/kg	1.0	2.4
Chloromethane		M	2760	µg/kg	1.0	2.1
Vinyl Chloride		M	2760	µg/kg	1.0	5.5
Bromomethane		M	2760	µg/kg	20	< 1.0
Chloroethane		U	2760	µg/kg	2.0	< 1.0
Trichlorofluoromethane		M	2760	µg/kg	1.0	< 2.0
1,1-Dichloroethene		M	2760	µg/kg	1.0	< 1.0
Trans 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0
1,1-Dichloroethane		M	2760	µg/kg	1.0	< 1.0
cis 1,2-Dichloroethene		M	2760	µg/kg	1.0	< 1.0
Bromochloromethane		U	2760	µg/kg	5.0	< 5.0
Trichloromethane		M	2760	µg/kg	1.0	< 1.0
1,1,1-Trichloroethane		M	2760	µg/kg	1.0	< 1.0

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:		2	3	2	4
		Client Sample ID.:		TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:		TP01	TP01	TP02	TP02
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.20	0.75	0.50	0.90
		Date Sampled:		20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Tetrachloromethane		M	2760	µg/kg	1.0		< 1.0
1,1-Dichloropropene		U	2760	µg/kg	1.0		< 1.0
Benzene		M	2760	µg/kg	1.0		< 1.0
1,2-Dichloroethane		M	2760	µg/kg	2.0		< 2.0
Trichloroethene		N	2760	µg/kg	1.0		< 1.0
1,2-Dichloropropane		M	2760	µg/kg	1.0		< 1.0
Dibromomethane		M	2760	µg/kg	1.0		< 1.0
Bromodichloromethane		M	2760	µg/kg	5.0		< 5.0
cis-1,3-Dichloropropene		N	2760	µg/kg	10		< 10
Toluene		M	2760	µg/kg	1.0		< 1.0
Trans-1,3-Dichloropropene		N	2760	µg/kg	10		< 10
1,1,2-Trichloroethane		M	2760	µg/kg	10		< 10
Tetrachloroethene		M	2760	µg/kg	1.0		< 1.0
1,3-Dichloropropane		U	2760	µg/kg	2.0		< 2.0
Dibromochloromethane		U	2760	µg/kg	10		< 10
1,2-Dibromoethane		M	2760	µg/kg	5.0		< 5.0
Chlorobenzene		M	2760	µg/kg	1.0		< 1.0
1,1,1,2-Tetrachloroethane		M	2760	µg/kg	2.0		< 2.0
Ethylbenzene		M	2760	µg/kg	1.0		1.2
m & p-Xylene		M	2760	µg/kg	1.0		3.9
o-Xylene		M	2760	µg/kg	1.0		3.6
Styrene		M	2760	µg/kg	1.0		< 1.0
Tribromomethane		U	2760	µg/kg	1.0		< 1.0
Isopropylbenzene		M	2760	µg/kg	1.0		< 1.0
Bromobenzene		M	2760	µg/kg	1.0		< 1.0
1,2,3-Trichloropropane		N	2760	µg/kg	50		< 50
N-Propylbenzene		U	2760	µg/kg	1.0		< 1.0
2-Chlorotoluene		M	2760	µg/kg	1.0		< 1.0
1,3,5-Trimethylbenzene		M	2760	µg/kg	1.0		3.9
4-Chlorotoluene		U	2760	µg/kg	1.0		< 1.0
Tert-Butylbenzene		U	2760	µg/kg	1.0		< 1.0
1,2,4-Trimethylbenzene		M	2760	µg/kg	1.0		6.9
Sec-Butylbenzene		U	2760	µg/kg	1.0		< 1.0
1,3-Dichlorobenzene		M	2760	µg/kg	1.0		< 1.0
4-Isopropyltoluene		U	2760	µg/kg	1.0		< 1.0
1,4-Dichlorobenzene		M	2760	µg/kg	1.0		< 1.0

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:		2	3	2	4
		Client Sample ID.:		TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:		TP01	TP01	TP02	TP02
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.20	0.75	0.50	0.90
		Date Sampled:		20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
N-Butylbenzene		U	2760	µg/kg	1.0		< 1.0
1,2-Dichlorobenzene		M	2760	µg/kg	1.0		< 1.0
1,2-Dibromo-3-Chloropropane		U	2760	µg/kg	50		< 50
1,2,4-Trichlorobenzene		M	2760	µg/kg	1.0		< 1.0
Hexachlorobutadiene		N	2760	µg/kg	1.0		< 1.0
1,2,3-Trichlorobenzene		U	2760	µg/kg	2.0		< 2.0
Carbon Disulphide		N	2760	µg/kg	50		< 50
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		< 1.0
N-Nitrosodimethylamine		M	2790	mg/kg	0.50		< 0.50
Phenol		M	2790	mg/kg	0.50		< 0.50
2-Chlorophenol		N	2790	mg/kg	0.50		< 0.50
Bis-(2-Chloroethyl)Ether		M	2790	mg/kg	0.50		< 0.50
1,3-Dichlorobenzene		M	2790	mg/kg	0.50		< 0.50
1,4-Dichlorobenzene		N	2790	mg/kg	0.50		< 0.50
1,2-Dichlorobenzene		M	2790	mg/kg	0.50		< 0.50
2-Methylphenol		M	2790	mg/kg	0.50		< 0.50
Bis(2-Chloroisopropyl)Ether		M	2790	mg/kg	0.50		< 0.50
Hexachloroethane		N	2790	mg/kg	0.50		< 0.50
N-Nitrosodi-n-propylamine		M	2790	mg/kg	0.50		< 0.50
4-Methylphenol		M	2790	mg/kg	0.50		< 0.50
Nitrobenzene		N	2790	mg/kg	0.50		< 0.50
Isophorone		M	2790	mg/kg	0.50		< 0.50
2-Nitrophenol		N	2790	mg/kg	0.50		< 0.50
2,4-Dimethylphenol		N	2790	mg/kg	0.50		< 0.50
Bis(2-Chloroethoxy)Methane		M	2790	mg/kg	0.50		< 0.50
2,4-Dichlorophenol		N	2790	mg/kg	0.50		< 0.50
1,2,4-Trichlorobenzene		M	2790	mg/kg	0.50		< 0.50
Naphthalene		M	2790	mg/kg	0.50		< 0.50
4-Chloroaniline		N	2790	mg/kg	0.50		< 0.50
Hexachlorobutadiene		M	2790	mg/kg	0.50		< 0.50
4-Chloro-3-Methylphenol		N	2790	mg/kg	0.50		< 0.50
2-Methylnaphthalene		M	2790	mg/kg	0.50		< 0.50
4-Nitrophenol		N	2790	mg/kg	0.50		< 0.50
2,4,6-Trichlorophenol		N	2790	mg/kg	0.50		< 0.50
2,4,5-Trichlorophenol		N	2790	mg/kg	0.50		< 0.50
2-Chloronaphthalene		M	2790	mg/kg	0.50		< 0.50

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:		25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:		1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:		2	3	2	4
		Client Sample ID.:		TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:		TP01	TP01	TP02	TP02
		Sample Type:		SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.20	0.75	0.50	0.90
		Date Sampled:		20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:		DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
2-Nitroaniline		N	2790	mg/kg	0.50		< 0.50
Acenaphthylene		M	2790	mg/kg	0.50		< 0.50
Dimethylphthalate		M	2790	mg/kg	0.50		< 0.50
2,6-Dinitrotoluene		N	2790	mg/kg	0.50		< 0.50
Acenaphthene		M	2790	mg/kg	0.50		< 0.50
3-Nitroaniline		N	2790	mg/kg	0.50		< 0.50
Dibenzofuran		M	2790	mg/kg	0.50		< 0.50
4-Chlorophenylphenylether		M	2790	mg/kg	0.50		< 0.50
2,4-Dinitrotoluene		N	2790	mg/kg	0.50		< 0.50
Fluorene		M	2790	mg/kg	0.50		< 0.50
Diethyl Phthalate		M	2790	mg/kg	0.50		< 0.50
4-Nitroaniline		N	2790	mg/kg	0.50		< 0.50
Azobenzene		M	2790	mg/kg	0.50		< 0.50
4-Bromophenylphenyl Ether		M	2790	mg/kg	0.50		< 0.50
Hexachlorobenzene		M	2790	mg/kg	0.50		< 0.50
Phenanthrene		M	2790	mg/kg	0.50		< 0.50
Anthracene		M	2790	mg/kg	0.50		0.91
Carbazole		M	2790	mg/kg	0.50		< 0.50
Di-N-Butyl Phthalate		N	2790	mg/kg	0.50		< 0.50
Fluoranthene		M	2790	mg/kg	0.50		1.1
Pyrene		M	2790	mg/kg	0.50		0.89
Butylbenzyl Phthalate		N	2790	mg/kg	0.50		< 0.50
Benzo[a]anthracene		M	2790	mg/kg	0.50		< 0.50
Chrysene		M	2790	mg/kg	0.50		< 0.50
Bis(2-Ethylhexyl)Phthalate		N	2790	mg/kg	0.50		< 0.50
Di-N-Octyl Phthalate		N	2790	mg/kg	0.50		< 0.50
Benzo[b]fluoranthene		M	2790	mg/kg	0.50		< 0.50
Benzo[k]fluoranthene		M	2790	mg/kg	0.50		< 0.50
Benzo[a]pyrene		M	2790	mg/kg	0.50		< 0.50
Indeno(1,2,3-c,d)Pyrene		N	2790	mg/kg	0.50		< 0.50
Dibenz(a,h)Anthracene		N	2790	mg/kg	0.50		< 0.50
Benzo[g,h,i]perylene		M	2790	mg/kg	0.50		< 0.50
Naphthalene		M	2800	mg/kg	0.10	0.21	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10	< 0.10	0.20
Fluorene		M	2800	mg/kg	0.10	< 0.10	0.13

Results - Soil

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:						25-03501	25-03501	25-03501	25-03501
Quotation No.:		Chemtest Sample ID.:						1926288	1926290	1926291	1926292
Order No.: POR021418		Client Sample Ref.:						2	3	2	4
		Client Sample ID.:						TP01-0.2-2	TP01-0.75-3	TP02-0.5-2	TP02-0.9-4
		Sample Location:						TP01	TP01	TP02	TP02
		Sample Type:						SOIL	SOIL	SOIL	SOIL
		Top Depth (m):						0.20	0.75	0.50	0.90
		Date Sampled:						20-Jan-2025	20-Jan-2025	20-Jan-2025	20-Jan-2025
		Asbestos Lab:						DURHAM	DURHAM	DURHAM	
Determinand	HWOL Code	Accred.	SOP	Units	LOD						
Phenanthrene		M	2800	mg/kg	0.10	0.27		1.4		0.54	1.3
Anthracene		M	2800	mg/kg	0.10	0.10		0.50		0.20	0.24
Fluoranthene		M	2800	mg/kg	0.10	0.37		3.0		0.85	1.4
Pyrene		M	2800	mg/kg	0.10	0.37		2.5		0.72	1.0
Benzo[a]anthracene		M	2800	mg/kg	0.10	< 0.10		1.7		0.41	0.54
Chrysene		M	2800	mg/kg	0.10	< 0.10		1.5		0.33	0.58
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	< 0.10		2.5		0.51	0.60
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	< 0.10		0.81		0.20	0.28
Benzo[a]pyrene		M	2800	mg/kg	0.10	< 0.10		1.9		0.51	0.61
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	< 0.10		1.4		0.35	0.32
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10		0.22		< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	< 0.10		1.0		0.25	0.34
Total Of 16 PAH's		N	2800	mg/kg	2.0	< 2.0		19		4.9	7.5
Total Phenols		M	2920	mg/kg	0.10	< 0.10		< 0.10		< 0.10	< 0.10
VOC TIC		N	2760	µg/kg	N/A						None Detected

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1926281	1	ADP6250121002	BH01	20-Jan-2025	C	Plastic Tub 1000g

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2010	pH Value of Soils	pH at 20°C	pH Meter	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2185	Asbestos	Asbestos	Polarised light microscopy	
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry	
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurement by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.	
2300	Cyanides & Thiocyanate in Soils	Free (or easily liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazine.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8–C10 Aromatics: >C5–C7,>C7–C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenzo[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

The following tests were analysed on samples 'as received' and the results subsequently corrected to a dry weight basis EPH, VPH, TPH, BTEX, VOCs, SVOCs, PCBs, Phenols.

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

NEW_ASB	Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL
DURHAM	Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

All water samples will be retained for 14 days from the date of receipt.

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com



Final Report

Report No.: 25-04131-1

Initial Date of Issue: 17-Feb-2025

Re-Issue Details:

Client Soiltechnics Limited

Client Address: 1st Floor Unit 9 Westpoint Enterprise
Park
Clarence Avenue
Trafford Park
Manchester
M17 1QS

Contact(s): Admin

Project STW6825 Baldock Industrial Estate

Quotation No.: **Date Received:** 07-Feb-2025

Order No.: POR021478 **Date Instructed:** 07-Feb-2025

No. of Samples: 2

Turnaround (Wkdays): 7 **Results Due:** 17-Feb-2025

Date Approved: 17-Feb-2025

Approved By:



Details: David Smith, Technical Director

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Water

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:				25-04131	25-04131
Quotation No.:		Chemtest Sample ID.:				1928488	1928489
Order No.: POR021478		Client Sample Ref.:				1	1
		Client Sample ID.:				BH02-19.32-1	BH03-19.28-1
		Sample Location:				BH02	BH03
		Sample Type:				WATER	WATER
		Sample Sub Type:					
		Top Depth (m):				19.32	19.28
		Date Sampled:				03-Feb-2025	03-Feb-2025
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
pH at 20C		U	1010		4.0	7.9	8.0
Nitrate as NO3		U	1220	mg/l	0.50	33	27
Sulphate		U	1220	mg/l	1.0	55	89
Cyanide (Total)		U	1300	mg/l	0.050	< 0.050	< 0.050
Cyanide (Free)		U	1300	mg/l	0.050	< 0.050	< 0.050
Cyanide (Complex)		U	1300	mg/l	0.050	< 0.050	< 0.050
Sulphide		N	1325	mg/l	0.050	< 0.050	< 0.050
Arsenic (Dissolved)		U	1455	µg/l	0.20	0.25	0.38
Boron (Dissolved)		U	1455	µg/l	10.0	93	95
Beryllium (Dissolved)		U	1455	µg/l	1.00	< 1.0	< 1.0
Cadmium (Dissolved)		U	1455	µg/l	0.11	< 0.11	< 0.11
Chromium (Dissolved)		U	1455	µg/l	0.50	4.7	4.8
Copper (Dissolved)		U	1455	µg/l	0.50	2.6	2.5
Mercury (Dissolved)		U	1455	µg/l	0.05	< 0.05	< 0.05
Nickel (Dissolved)		U	1455	µg/l	0.50	6.3	5.3
Lead (Dissolved)		U	1455	µg/l	0.50	< 0.50	< 0.50
Selenium (Dissolved)		U	1455	µg/l	0.50	0.67	0.73
Vanadium (Dissolved)		U	1455	µg/l	0.50	< 0.50	< 0.50
Zinc (Dissolved)		U	1455	µg/l	2.5	3.5	3.8
Chromium (Hexavalent)		U	1490	µg/l	20	[B] < 20	[B] < 20
Aliphatic TPH >C5-C6	EH_2D_AL_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C6-C8	EH_2D_AL_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C8-C10	EH_2D_AL_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C10-C12	EH_2D_AL_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C12-C16	EH_2D_AL_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C16-C21	EH_2D_AL_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C21-C35	EH_2D_AL_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aliphatic TPH >C35-C44	EH_2D_AL_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	EH_2D_AL_#1	N	1675	µg/l	5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	EH_2D_AR_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	EH_2D_AR_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	EH_2D_AR_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	EH_2D_AR_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C12-C16	EH_2D_AR_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C16-C21	EH_2D_AR_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C21-C35	EH_2D_AR_#1	N	1675	µg/l	0.10	< 0.10	< 0.10
Aromatic TPH >C35-C44	EH_2D_AR_#1	N	1675	µg/l	0.10	< 0.10	< 0.10

Results - Water

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:				25-04131	25-04131
Quotation No.:		Chemtest Sample ID.:				1928488	1928489
Order No.: POR021478		Client Sample Ref.:				1	1
		Client Sample ID.:				BH02-19.32-1	BH03-19.28-1
		Sample Location:				BH02	BH03
		Sample Type:				WATER	WATER
		Sample Sub Type:					
		Top Depth (m):				19.32	19.28
		Date Sampled:				03-Feb-2025	03-Feb-2025
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Total Aromatic Hydrocarbons	EH_2D_AR_#1	N	1675	µg/l	5.0	< 5.0	< 5.0
Total Petroleum Hydrocarbons	EH_2D_Total_#1	N	1675	µg/l	10	< 10	< 10
Dichlorodifluoromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
Chloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
Vinyl Chloride		N	1760	µg/l	1.0	< 1.0	< 1.0
Bromomethane		U	1760	µg/l	5	< 5	< 5
Chloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0
Trichlorofluoromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
1,1-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
Trans 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,1-Dichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0
cis 1,2-Dichloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
Bromochloromethane		U	1760	µg/l	5	< 5	< 5
Trichloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
1,1,1-Trichloroethane		U	1760	µg/l	1.0	< 1.0	< 1.0
Tetrachloromethane		U	1760	µg/l	1.0	< 1.0	< 1.0
1,1-Dichloropropene		U	1760	µg/l	1.0	< 1.0	< 1.0
Benzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2-Dichloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0
Trichloroethene		N	1760	µg/l	1.0	< 1.0	< 1.0
1,2-Dichloropropane		U	1760	µg/l	1.0	< 1.0	< 1.0
Dibromomethane		U	1760	µg/l	10	< 10	< 10
Bromodichloromethane		U	1760	µg/l	5	< 5	< 5
cis-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10
Toluene		U	1760	µg/l	1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene		N	1760	µg/l	10	< 10	< 10
1,1,2-Trichloroethane		U	1760	µg/l	10	< 10	< 10
Tetrachloroethene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,3-Dichloropropane		U	1760	µg/l	2.0	< 2.0	< 2.0
Dibromochloromethane		U	1760	µg/l	10	< 10	< 10
1,2-Dibromoethane		U	1760	µg/l	5	< 5	< 5
Chlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0
1,1,1,2-Tetrachloroethane		U	1760	µg/l	2.0	< 2.0	< 2.0
Ethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
m & p-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0
o-Xylene		U	1760	µg/l	1.0	< 1.0	< 1.0
Styrene		U	1760	µg/l	1.0	< 1.0	< 1.0

Results - Water

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:				25-04131	25-04131
Quotation No.:		Chemtest Sample ID.:				1928488	1928489
Order No.: POR021478		Client Sample Ref.:				1	1
		Client Sample ID.:				BH02-19.32-1	BH03-19.28-1
		Sample Location:				BH02	BH03
		Sample Type:				WATER	WATER
		Sample Sub Type:					
		Top Depth (m):				19.32	19.28
		Date Sampled:				03-Feb-2025	03-Feb-2025
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Tribromomethane		U	1760	µg/l	1.0	< 1.0	< 1.0
Isopropylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
Bromobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2,3-Trichloropropane		N	1760	µg/l	50	< 50	< 50
N-Propylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
2-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
4-Chlorotoluene		U	1760	µg/l	1.0	< 1.0	< 1.0
Tert-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
Sec-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,3-Dichlorobenzene		N	1760	µg/l	1.0	< 1.0	< 1.0
4-Isopropyltoluene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,4-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
N-Butylbenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2-Dichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2-Dibromo-3-Chloropropane		U	1760	µg/l	50	< 50	< 50
1,2,4-Trichlorobenzene		U	1760	µg/l	1.0	< 1.0	< 1.0
Hexachlorobutadiene		U	1760	µg/l	1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene		U	1760	µg/l	2.0	< 2.0	< 2.0
Methyl Tert-Butyl Ether		N	1760	µg/l	1.0	< 1.0	< 1.0
1,1,2-Trichloro 1,2,2 Trifluoroethane		N	1760	µg/l	2.0	< 2.0	< 2.0
Bromoform		N	1760	µg/l	10	< 10	< 10
Carbon Tetrachloride		N	1760	µg/l	10	< 10	< 10
Chloroform		N	1760	µg/l	10	< 10	< 10
2,2-Dichloropropane		N	1760	µg/l	50	< 50	< 50
N-Nitrosodimethylamine		N	1790	µg/l	0.50	< 0.50	< 0.50
Phenol		N	1790	µg/l	0.50	< 0.50	< 0.50
2-Chlorophenol		N	1790	µg/l	0.50	< 0.50	< 0.50
Bis-(2-Chloroethyl)Ether		N	1790	µg/l	0.50	< 0.50	< 0.50
1,3-Dichlorobenzene		N	1790	µg/l	0.50	< 0.50	< 0.50
1,4-Dichlorobenzene		N	1790	µg/l	0.50	< 0.50	< 0.50
1,2-Dichlorobenzene		N	1790	µg/l	0.50	< 0.50	< 0.50
2-Methylphenol (o-Cresol)		N	1790	µg/l	0.50	< 0.50	< 0.50
Bis(2-Chloroisopropyl)Ether		N	1790	µg/l	0.50	< 0.50	< 0.50
Hexachloroethane		N	1790	µg/l	0.50	< 0.50	< 0.50
N-Nitrosodi-n-propylamine		N	1790	µg/l	0.50	< 0.50	< 0.50

Results - Water

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:				25-04131	25-04131
Quotation No.:		Chemtest Sample ID.:				1928488	1928489
Order No.: POR021478		Client Sample Ref.:				1	1
		Client Sample ID.:				BH02-19.32-1	BH03-19.28-1
		Sample Location:				BH02	BH03
		Sample Type:				WATER	WATER
		Sample Sub Type:					
		Top Depth (m):				19.32	19.28
		Date Sampled:				03-Feb-2025	03-Feb-2025
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
4-Methylphenol		N	1790	µg/l	0.50	< 0.50	< 0.50
Nitrobenzene		N	1790	µg/l	0.50	< 0.50	< 0.50
Isophorone		N	1790	µg/l	0.50	< 0.50	< 0.50
2-Nitrophenol		N	1790	µg/l	0.50	< 0.50	< 0.50
2,4-Dimethylphenol		N	1790	µg/l	0.50	< 0.50	< 0.50
Bis(2-Chloroethoxy)Methane		N	1790	µg/l	0.50	< 0.50	< 0.50
2,4-Dichlorophenol		N	1790	µg/l	0.50	< 0.50	< 0.50
1,2,4-Trichlorobenzene		N	1790	µg/l	0.50	< 0.50	< 0.50
Naphthalene		N	1790	µg/l	0.50	< 0.50	< 0.50
4-Chloroaniline		N	1790	µg/l	0.50	< 0.50	< 0.50
Hexachlorobutadiene		N	1790	µg/l	0.50	< 0.50	< 0.50
4-Chloro-3-Methylphenol		N	1790	µg/l	0.50	< 0.50	< 0.50
2-Methylnaphthalene		N	1790	µg/l	0.50	< 0.50	< 0.50
2,4,6-Trichlorophenol		N	1790	µg/l	0.50	< 0.50	< 0.50
2,4,5-Trichlorophenol		N	1790	µg/l	0.50	< 0.50	< 0.50
2-Chloronaphthalene		N	1790	µg/l	0.50	< 0.50	< 0.50
2-Nitroaniline		N	1790	µg/l	0.50	< 0.50	< 0.50
Acenaphthylene		N	1790	µg/l	0.50	< 0.50	< 0.50
Dimethylphthalate		N	1790	µg/l	0.50	< 0.50	< 0.50
2,6-Dinitrotoluene		N	1790	µg/l	0.50	< 0.50	< 0.50
Acenaphthene		N	1790	µg/l	0.50	< 0.50	< 0.50
3-Nitroaniline		N	1790	µg/l	0.50	< 0.50	< 0.50
Dibenzofuran		N	1790	µg/l	0.50	< 0.50	< 0.50
4-Chlorophenylphenylether		N	1790	µg/l	0.50	< 0.50	< 0.50
2,4-Dinitrotoluene		N	1790	µg/l	0.50	< 0.50	< 0.50
Fluorene		N	1790	µg/l	0.50	< 0.50	< 0.50
Diethyl Phthalate		N	1790	µg/l	0.50	< 0.50	< 0.50
4-Nitroaniline		N	1790	µg/l	0.50	< 0.50	< 0.50
2-Methyl-4,6-Dinitrophenol		N	1790	µg/l	0.50	< 0.50	< 0.50
Azobenzene		N	1790	µg/l	0.50	< 0.50	< 0.50
4-Bromophenylphenyl Ether		N	1790	µg/l	0.50	< 0.50	< 0.50
Hexachlorobenzene		N	1790	µg/l	0.50	< 0.50	< 0.50
Phenanthrene		N	1790	µg/l	0.50	< 0.50	< 0.50
Anthracene		N	1790	µg/l	0.50	< 0.50	< 0.50
Carbazole		N	1790	µg/l	0.50	< 0.50	< 0.50
Di-N-Butyl Phthalate		N	1790	µg/l	0.50	< 0.50	< 0.50
Fluoranthene		N	1790	µg/l	0.50	< 0.50	< 0.50

Results - Water

Project: STW6825 Baldock Industrial Estate

Client: Soiltechnics Limited		Chemtest Job No.:				25-04131	25-04131
Quotation No.:		Chemtest Sample ID.:				1928488	1928489
Order No.: POR021478		Client Sample Ref.:				1	1
		Client Sample ID.:				BH02-19.32-1	BH03-19.28-1
		Sample Location:				BH02	BH03
		Sample Type:				WATER	WATER
		Sample Sub Type:					
		Top Depth (m):				19.32	19.28
		Date Sampled:				03-Feb-2025	03-Feb-2025
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Pyrene		N	1790	µg/l	0.50	< 0.50	< 0.50
Butylbenzyl Phthalate		N	1790	µg/l	0.50	< 0.50	< 0.50
Benzo[a]anthracene		N	1790	µg/l	0.50	< 0.50	< 0.50
Chrysene		N	1790	µg/l	0.50	< 0.50	< 0.50
Bis(2-Ethylhexyl)Phthalate		N	1790	µg/l	0.50	< 0.50	< 0.50
Di-N-Octyl Phthalate		N	1790	µg/l	0.50	< 0.50	< 0.50
Benzo[b]fluoranthene		N	1790	µg/l	0.50	< 0.50	< 0.50
Benzo[k]fluoranthene		N	1790	µg/l	0.50	< 0.50	< 0.50
Benzo[a]pyrene		N	1790	µg/l	0.50	< 0.50	< 0.50
Indeno(1,2,3-c,d)Pyrene		N	1790	µg/l	0.50	< 0.50	< 0.50
Dibenz(a,h)Anthracene		N	1790	µg/l	0.50	< 0.50	< 0.50
Benzo[g,h,i]perylene		N	1790	µg/l	0.50	< 0.50	< 0.50
4-Nitrophenol		N	1790	µg/l	0.50	< 0.50	< 0.50
Naphthalene		U	1800	µg/l	0.10	< 0.10	< 0.10
Acenaphthylene		U	1800	µg/l	0.10	< 0.10	< 0.10
Acenaphthene		U	1800	µg/l	0.10	< 0.10	< 0.10
Fluorene		U	1800	µg/l	0.10	< 0.10	< 0.10
Phenanthrene		U	1800	µg/l	0.10	< 0.10	< 0.10
Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10
Fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10
Pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10
Benzo[a]anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10
Chrysene		U	1800	µg/l	0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		U	1800	µg/l	0.10	< 0.10	< 0.10
Benzo[a]pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		U	1800	µg/l	0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		U	1800	µg/l	0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	1800	µg/l	0.10	< 0.10	< 0.10
Total Of 16 PAH's		U	1800	µg/l	2.0	< 2.0	< 2.0
Total Phenols		U	1920	mg/l	0.030	< 0.030	< 0.030

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1928488	1	BH02-19.32-1	BH02	03-Feb-2025	B	Coloured Winchester 1000ml
1928488	1	BH02-19.32-1	BH02	03-Feb-2025	B	EPA Vial 40ml
1928488	1	BH02-19.32-1	BH02	03-Feb-2025	B	Plastic Bottle 1000ml
1928489	1	BH03-19.28-1	BH03	03-Feb-2025	B	Coloured Winchester 1000ml
1928489	1	BH03-19.28-1	BH03	03-Feb-2025	B	EPA Vial 40ml
1928489	1	BH03-19.28-1	BH03	03-Feb-2025	B	Plastic Bottle 1000ml

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	RE PW TE TS PL DW GW
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.	GW
1325	Sulphide in Waters	Sulphides	Automated colorimetric analysis by 'Aquakem 600' Discrete Analyser using N,N-dimethyl-p-phenylenediamine.	PL LE GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1490	Hexavalent Chromium in Waters	Chromium [VI]	Automated colorimetric analysis by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.	PL GW
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection	
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.	PL GW
1790	Semi-Volatile Organic Compounds (SVOCs) in Waters by GC-MS	Semi-volatile organic compounds	Solvent extraction / GCMS detection	
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection	PL GW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

The following tests were analysed on samples 'as received' and the results subsequently corrected to a dry weight basis EPH, VPH, TPH, BTEX, VOCs, SVOCs, PCBs, Phenols.

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

All water samples will be retained for 14 days from the date of receipt.

Charges may apply to extended sample storage.

Water Sample Category Key for Accreditation

Report Information

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

Appendix I Contamination Assessment Screening

GQRA Screening

Assessments	Status	Date	Created by	Reviewed By
Acute human health risk - Soils	Completed x2 scenarios	11.04.2025	SH	SDr
Chronic human health risk - Soils	Completed	11.04.2025	SH	SDr
<i>Chronic human health risk - Groundwater vapour</i>	<i>Not undertaken</i>			
<i>Controlled waters risk - Surface water</i>	<i>Not undertaken</i>			
Controlled waters risk - Drinking water	Completed	11.04.25	SH	SDr
<i>Controlled waters - Free phase indicator</i>	<i>Not undertaken</i>			
<i>Phytotoxicity</i>	<i>Not undertaken</i>			
<i>Ecotoxicity</i>	<i>Not undertaken</i>			

Key

Assessment	Abbr.	GQRA Source (in order of preference)	Last Update
All	NGA	No guideline value available	-
Acute human health risk - Soils	AGAC	Acute Generic Assessment Criteria (SoBRA)	April 2019
	sat.	Contaminant poses a low acute risk unless the soil saturation limit is exceeded and a free oil phase is present.	April 2019
	C4SL	Category 4 Screening Levels (DEFRA)	May 2021
Chronic human health risk - Soils	S4UL	Suitable 4 Use Levels (LQM)	August 2015
	ATK	Atrisk Soil Screening Values (Atkins)	June 2017
	CL:AIRE	Generic Assessment Criteria (CL:AIRE)	Jan 2010
Chronic human health risk - Groundwater vapour	GAC _{gwvap}	Generic Assessment Criteria for Assessing Vapour Risks from Volatile Contaminants in Groundwater (SoBRA)	April 2019
Controlled waters risk - Surface water	PNEC	Predicted no effect concentration. Derived from the Metals Bioavailability Assessment Tools (M-BAT) (UK TAG)	Nov. 2013 (Cu,Ni,Mn,Zn) March 2015 (Pb)
	AA-EQS	Environmental Quality Standards AA = Annual average (Environment Agency)	August 2021
	EA	Petroleum Hydrocarbons in Groundwater: Supplementary Guidance for Hydrogeological Risk Assessment (Environment Agency)	April 2009
	MAC-EQS	Environmental Quality Standards MAC = Maximum Allowable Concentration (Environment Agency)	August 2021
Controlled waters risk - Drinking water	UK DWS	National drinking water requirements (The Water Supply (Water Quality) Regulations 2018)	June 2018
	Int. DWS	Guidelines for Drinking Water Quality (World Health Organisation)	April 2017
	WHO	Petroleum Products in Drinking Water (World Health Organisation)	June 2008

GQRA Screening

Assessments	Status	Date	Created by	Reviewed By
Acute human health risk - Soils	Completed x2 scenarios	11.04.2025	SH	SDr
Chronic human health risk - Soils	Completed	11.04.2025	SH	SDr
Chronic human health risk - Groundwater vapour	Not undertaken			
Controlled waters risk - Surface water	Not undertaken			
Controlled waters risk - Drinking water	Completed	11.04.25	SH	SDr
Controlled waters - Free phase indicator	Not undertaken			
Phytotoxicity	Not undertaken			
Ecotoxicity	Not undertaken			

Key

Assessment	Abbr.	GQRA Source (in order of preference)	Last Update
Controlled waters - Free phase indicator	USEPA	Technical Guide for Addressing Petroleum Vapor Intrusion at Leaking Underground Storage Tank Sites (US EPA)	June 2015
	ST	Indicative value based on 80% of aqueous solubility limit, to a minimum of 10µg/l. (Soiltechnics)	July 2021
Phytotoxicity	BSI	BS 3882 - Specification for Topsoil (u = upper limit, l = lower limit for multipurpose topsoil) (British Standards Institute)	April 2015
	SSIA	Potentially Toxic Element. Sewage Sludge in Agriculture: Code of Practice (Environment Agency)	May 2018
Ecotoxicity	SSV	Soil Screening Values. Ecological Risk Assessment Framework. (Environment Agency)	Nov. 2017

Chronic human health risk (soils)

Scenario															
End user	Proposed site user														
Receptor	Industrial/Commercial														
SOM	6.00%														
GAC Preference	CASLs over S4ULs														

Contaminant	Guideline source	Guideline value (mg/kg)	Max value (mg/kg)	Location		BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04	TP01	TP01
				Depth (m)		0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50	0.20	0.30
				Date		29/01/25	20/01/25	29/01/25	29/01/25	29/01/25	29/01/25	29/01/25	29/01/25	20/01/25	20/01/25
Inorganics - Metals															
Arsenic	C4SL	640	31												
Beryllium	S4UL	12	2.5												
Boron	S4UL	240000	1.6												
Cadmium	C4SL	410	0.6												
Chromium (III)	S4UL	8600	39												
Chromium (VI)	C4SL	49	<LoD												
Copper	S4UL	68000	380												
Cyanide - Free	ATK	34	<LoD												
Lead	C4SL	2300	240												
Mercury	S4UL	1100	20												
Nickel	S4UL	980	43												
Selenium	S4UL	12000	1.2												
Vanadium	S4UL	9000	75												
Zinc	S4UL	730000	270												
Inorganics - Asbestos															
Asbestos Type	N/A														
Asbestos Screen	N/A														
Asbestos Quantification (%)	N/A														
Inorganics - Soil Parameters															
Organic matter	N/A														
Organics - PAH & Phenol															
Acenaphthene	S4UL	100000	0.2												
Acenaphthylene	S4UL	100000	<LoD												
Anthracene	S4UL	540000	0.91												
Benzo(a)anthracene	S4UL	180	1.7												
Benzo(a)pyrene	C4SL	77	1.9												
Benzo(b)fluoranthene	S4UL	45	2.5												
Benzo(ghi)perylene	S4UL	4000	1												
Benzo(k)fluoranthene	S4UL	1200	0.81												
Chrysene	S4UL	350	1.5												
Dibenz(a,h)anthracene	S4UL	3.6	0.22												
Fluoranthene	S4UL	23000	3												
Fluorene	S4UL	71000	0.13												
Indeno(1,2,3-cd)pyrene	S4UL	510	1.4												
Naphthalene	C4SL	8400	0.21												
Phenanthrene	S4UL	23000	2.2												
Phenol	S4UL	1300	<LoD												
Pyrene	S4UL	54000	2.5												
Organics - TPH CWG and BTEX															
Benzene	C4SL	98	<LoD												
Toluene	S4UL	180000	<LoD												
Ethylbenzene	S4UL	27000	0.0012												
o-Xylene	S4UL	33000	0.0036												
m & p-xylene	S4UL	30000	0.0039												
Xylenes (sum of)	S4UL	30000	0.0075												
EC05 - EC06 Aliphatic	S4UL	12000	<LoD												
EC>06 - EC08 Aliphatic	S4UL	40000	0.15												
EC>08 - EC10 Aliphatic	S4UL	11000	0.24												
EC>10 - EC12 Aliphatic	S4UL	47000	4.4												
EC>12 - EC16 Aliphatic	S4UL	90000	72												
EC>16 - EC21 Aliphatic	S4UL	1800000	90												
EC>21 - EC35 Aliphatic	S4UL	1800000	39												
EC>35 - EC40 Aliphatic	ERROR	ERROR	34												
EC5 - EC7 (benzene)	S4UL	86000	<LoD												
EC7 ->EC8 (toluene)	S4UL	180000	<LoD												
EC>08 - EC10 Aromatic	S4UL	17000	<LoD												
EC>10 - EC12 Aromatic	S4UL	34000	<LoD												
EC>12 - EC16 Aromatic	S4UL	38000	13												
EC>16 - EC21 Aromatic	S4UL	28000	12												
EC>21 - EC35 Aromatic	S4UL	28000	49												
EC>35 - EC44 Aromatic	S4UL	28000	33												

Chronic human health risk (soils)

Scenario	
End user	Proposed site user
Receptor	Industrial/Commercial
SOM	6.00%
GAC Preference	C4SLs over S4ULs

Contaminant	Guideline source	Guideline value (mg/kg)	Max value (mg/kg)	Location	TP01	TP02	TP02
				Depth (m)	0.75	0.50	0.90
				Date	20/01/25	20/01/25	20/01/25
Inorganics - Metals							
Arsenic	C4SL	640	31		31	31	21
Beryllium	S4UL	12	2.5		1.5	1	0.8
Boron	S4UL	240000	1.6		0.72	1.6	0.98
Cadmium	C4SL	410	0.6		0.39	0.6	0.36
Chromium (III)	S4UL	8600	39		35	39	26
Chromium (VI)	C4SL	49	<LoD		< 0.50	< 0.50	< 0.50
Copper	S4UL	68000	380		27	130	380
Cyanide - Free	ATK	34	<LoD		< 0.50	< 0.50	< 0.50
Lead	C4SL	2300	240		240	87	45
Mercury	S4UL	1100	20		0.64	7.5	20
Nickel	S4UL	980	43		31	43	43
Selenium	S4UL	12000	1.2		0.67	0.77	0.4
Vanadium	S4UL	9000	75		47	57	34
Zinc	S4UL	730000	270		200	270	81
Inorganics - Asbestos							
Asbestos Type	N/A				Fibres/Clumps	-	
Asbestos Screen	N/A				Chrysotile	No Asbestos Detected	
Asbestos Quantification (%)	N/A				0.001		
Inorganics - Soil Parameters							
Organic matter	N/A				2.4	2.1	5.5
Organics - PAH & Phenol							
Acenaphthene	S4UL	100000	0.2		0.2	< 0.10	< 0.50
Acenaphthylene	S4UL	100000	<LoD		< 0.10	< 0.10	< 0.50
Anthracene	S4UL	540000	0.91		0.5	0.2	0.91
Benzo(a)anthracene	S4UL	180	1.7		1.7	0.41	< 0.50
Benzo(a)pyrene	C4SL	77	1.9		1.9	0.51	< 0.50
Benzo(b)fluoranthene	S4UL	45	2.5	2.5	0.51	< 0.50	
Benzo(ghi)perylene	S4UL	4000	1	1	0.25	< 0.50	
Benzo(k)fluoranthene	S4UL	1200	0.81	0.81	0.2	< 0.50	
Chrysene	S4UL	350	1.5	1.5	0.33	< 0.50	
Dibenz(a,h)anthracene	S4UL	3.6	0.22	0.22	< 0.10	< 0.50	
Fluoranthene	S4UL	23000	3	3	0.85	1.1	
Fluorene	S4UL	71000	0.13	0.13	< 0.10	< 0.50	
Indeno(1,2,3-cd)pyrene	S4UL	510	1.4	1.4	0.35	< 0.50	
Naphthalene	C4SL	8400	0.21	< 0.10	< 0.10	< 0.50	
Phenanthrene	S4UL	23000	2.2	1.4	0.54	< 0.50	
Phenol	S4UL	1300	<LoD	< 0.10	< 0.10	< 0.50	
Pyrene	S4UL	54000	2.5	2.5	0.72	0.89	
Organics - TPH CWG and BTEX							
Benzene	C4SL	98	<LoD		< 0.001		
Toluene	S4UL	180000	<LoD		< 0.001		
Ethylbenzene	S4UL	27000	0.0012		0.0012		
o-Xylene	S4UL	33000	0.0036		0.0036		
m & p-xylene	S4UL	30000	0.0039		0.0039		
Xylenes (sum of)	S4UL	30000	0.0075		0.0075		
EC05 - EC06 Aliphatic	S4UL	12000	<LoD		< 0.05		
EC>06 - EC08 Aliphatic	S4UL	40000	0.15		0.15		
EC>08 - EC10 Aliphatic	S4UL	11000	0.24		0.24		
EC>10 - EC12 Aliphatic	S4UL	47000	4.4		3.2		
EC>12 - EC16 Aliphatic	S4UL	90000	72		72		
EC>16 - EC21 Aliphatic	S4UL	1800000	90		90		
EC>21 - EC35 Aliphatic	S4UL	1800000	39		36		
EC>35 - EC40 Aliphatic	ERROR	ERROR	34		< 10		
EC5 - EC7 (benzene)	S4UL	86000	<LoD		< 0.05		
EC7 - >EC8 (toluene)	S4UL	180000	<LoD		< 0.05		
EC>08 - EC10 Aromatic	S4UL	17000	<LoD		< 0.05		
EC>10 - EC12 Aromatic	S4UL	34000	<LoD		< 1.0		
EC>12 - EC16 Aromatic	S4UL	38000	13		13		
EC>16 - EC21 Aromatic	S4UL	28000	12		12		
EC>21 - EC35 Aromatic	S4UL	28000	49		49		
EC>35 - EC44 Aromatic	S4UL	28000	33		26		

Chronic human health risk (soils)

Scenario	
End user	Proposed site user
Receptor	Industrial/Commercial
SOM	6.00%
GAC Preference	C4SLs over S4ULs

Contaminant	Guideline source	Guideline value	Max value	Location	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04	TP01	TP01
				Depth (m)	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50	0.20	0.30
Organics - Volatile Organic Compounds (VOCs)														
1,1,1,2-Tetrachloroethane	S4UL	560	< LoD		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
1,1,1-Trichloroethane	S4UL	3000	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,1,2-Trichloroethane	CL:AIRE	400	< LoD		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
1,1-Dichloroethane	CL:AIRE	850	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,1-Dichloroethene	CL:AIRE	92	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,1-Dichloropropene	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,2,3-Trichloropropane	NGA	NGA	< LoD		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		
1,2,4-Trimethylbenzene	CL:AIRE	220	0.0069		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,2-Dibromo-3-chloropropane	NGA	NGA	< LoD		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		
1,2-Dibromoethane	NGA	NGA	< LoD		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
1,2-Dichloroethane	C4SL	29	< LoD		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
1,2-Dichloropropane	CL:AIRE	12	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,3,5-Trimethylbenzene	NGA	NGA	0.0039		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,3-Dichloropropane	NGA	NGA	< LoD		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
2-Chlorotoluene	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
4-Chlorotoluene	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Bromobenzene	CL:AIRE	520	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Bromochloromethane	NGA	NGA	< LoD		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Bromodichloromethane	CL:AIRE	7.6	< LoD		< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005		
Bromoform	CL:AIRE	3100	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Bromomethane	NGA	NGA	< LoD		< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02		
Carbon Tetrachloride	S4UL	14	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Chlorobenzene	S4UL	290	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Chloroethane	CL:AIRE	2100	< LoD		< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002		
Chloroform	S4UL	350	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Chloromethane	CL:AIRE	1.6	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
cis-1,2-Dichloroethene	CL:AIRE	47	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
cis-1,3-Dichloropropene	NGA	NGA	< LoD		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Dibromochloromethane	ATK	92.1	< LoD		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Dibromomethane	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Dichlorodifluoromethane	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Isopropylbenzene	CL:AIRE	7700	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
MTBE	CL:AIRE	24000	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
n-Butylbenzene	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
n-Propylbenzene	CL:AIRE	21000	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
p-Isopropyltoluene	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
sec-Butylbenzene	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Styrene	CL:AIRE	11000	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
tert-Butylbenzene	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Tetrachloroethene	C4SL	130	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
trans-1,2-Dichloroethene	CL:AIRE	81	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
trans-1,3-Dichloropropene	NGA	NGA	< LoD		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		
Trichloroethene	C4SL	3.4	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Trichlorofluoromethane	NGA	NGA	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Vinyl Chloride	C4SL	2.2	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		

Chronic human health risk (soils)

Scenario							
End user	Proposed site user						
Receptor	Industrial/Commercial						
SOM	6.00%						
GAC Preference	C4SLs over S4ULs						

Contaminant	Guideline source	Guideline value	Max value	Location Depth (m)	TP01 0.75	TP02 0.50	TP02 0.90
Organics - Volatile Organic Compounds (VOCs)							
1,1,1,2-Tetrachloroethane	S4UL	560	< LoD				< 0.002
1,1,1-Trichloroethane	S4UL	3000	< LoD				< 0.001
1,1,2-Trichloroethane	CL:AIRE	400	< LoD				< 0.01
1,1-Dichloroethane	CL:AIRE	850	< LoD				< 0.001
1,1-Dichloroethene	CL:AIRE	92	< LoD				< 0.001
1,1-Dichloropropene	NGA	NGA	< LoD				< 0.001
1,2,3-Trichloropropane	NGA	NGA	< LoD				< 0.05
1,2,4-Trimethylbenzene	CL:AIRE	220	0.0069				0.0069
1,2-Dibromo-3-chloropropane	NGA	NGA	< LoD				< 0.05
1,2-Dibromoethane	NGA	NGA	< LoD				< 0.005
1,2-Dichloroethane	C4SL	29	< LoD				< 0.002
1,2-Dichloropropane	CL:AIRE	12	< LoD				< 0.001
1,3,5-Trimethylbenzene	NGA	NGA	0.0039				0.0039
1,3-Dichloropropane	NGA	NGA	< LoD				< 0.002
2-Chlorotoluene	NGA	NGA	< LoD				< 0.001
4-Chlorotoluene	NGA	NGA	< LoD				< 0.001
Bromobenzene	CL:AIRE	520	< LoD				< 0.001
Bromochloromethane	NGA	NGA	< LoD				< 0.005
Bromodichloromethane	CL:AIRE	7.6	< LoD				< 0.005
Bromoform	CL:AIRE	3100	< LoD				< 0.001
Bromomethane	NGA	NGA	< LoD				< 0.02
Carbon Tetrachloride	S4UL	14	< LoD				< 0.001
Chlorobenzene	S4UL	290	< LoD				< 0.001
Chloroethane	CL:AIRE	2100	< LoD				< 0.002
Chloroform	S4UL	350	< LoD				< 0.001
Chloromethane	CL:AIRE	1.6	< LoD				< 0.001
cis-1,2-Dichloroethene	CL:AIRE	47	< LoD				< 0.001
cis-1,3-Dichloropropene	NGA	NGA	< LoD				< 0.01
Dibromochloromethane	ATK	92.1	< LoD				< 0.01
Dibromomethane	NGA	NGA	< LoD				< 0.001
Dichlorodifluoromethane	NGA	NGA	< LoD				< 0.001
Isopropylbenzene	CL:AIRE	7700	< LoD				< 0.001
MTBE	CL:AIRE	24000	< LoD				< 0.001
n-Butylbenzene	NGA	NGA	< LoD				< 0.001
n-Propylbenzene	CL:AIRE	21000	< LoD				< 0.001
p-Isopropyltoluene	NGA	NGA	< LoD				< 0.001
sec-Butylbenzene	NGA	NGA	< LoD				< 0.001
Styrene	CL:AIRE	11000	< LoD				< 0.001
tert-Butylbenzene	NGA	NGA	< LoD				< 0.001
Tetrachloroethene	C4SL	130	< LoD				< 0.001
trans-1,2-Dichloroethene	CL:AIRE	81	< LoD				< 0.001
trans-1,3-Dichloropropene	NGA	NGA	< LoD				< 0.01
Trichloroethene	C4SL	3.4	< LoD				< 0.001
Trichlorofluoromethane	NGA	NGA	< LoD				< 0.001
Vinyl Chloride	C4SL	2.2	< LoD				< 0.001

Chronic human health risk (soils)

Scenario	
End user	Proposed site user
Receptor	Industrial/Commercial
SOM	6.00%
GAC Preference	CASLs over S4ULs

Contaminant	Guideline source	Guideline value	Max value	Location Depth (m)	BH01 0.50	BH01 18.00	BH02 15.75	BH02 0.50	BH03 1.50	BH03 18.00	BH04 1.50	BH04 17.50	TP01 0.20	TP01 0.30
Organics - Semi-Volatile Organic Compounds (SVOCs)														
Chlorophenols (sum of)	S4UL	4300	< LoD		< LoD	< LoD	< LoD	< LoD	< LoD	< LoD	< LoD	< LoD		
Cresols (sum of)	CL:AIRE	180000	< LoD		0	0	0	0	0	0	0	0		
o-Cresol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
1,2,4-Trichlorobenzene	S4UL	1300	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,2-Dichlorobenzene	S4UL	11000	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,3-Dichlorobenzene	S4UL	170	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
1,4-Dichlorobenzene	S4UL	25000	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
2,4,5-Trichlorophenol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2,4,6-Trichlorophenol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2,4-Dichlorophenol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2,4-Dimethylphenol	CL:AIRE	30000	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2,4-Dinitrotoluene	CL:AIRE	3800	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2,6-Dinitrotoluene	CL:AIRE	1900	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2-Chloronaphthalene	CL:AIRE	2200	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2-Chlorophenol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2-Methylnaphthalene	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2-Nitroaniline	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
2-Nitrophenol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
3-Nitroaniline	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
4-Bromophenyl phenyl ether	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
4-Chloro-3-methylphenol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
4-Chloroaniline	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
4-Chlorophenyl phenyl ether	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
4-Nitroaniline	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
4-Nitrophenol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Azobenzene	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Benzyl butyl phthalate	CL:AIRE	950000	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
bis(2-chloroethoxy)methane	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
bis(2-chloroethyl)ether	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
bis(2-ethylhexyl)phthalate	CL:AIRE	86000	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Carbazole	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Dibenzofuran	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Dibutyl phthalate	CL:AIRE	15000	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Diethyl phthalate	CL:AIRE	290000	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Dimethyl phthalate	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Di-n-octyl phthalate	CL:AIRE	89000	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Hexachlorobenzene	S4UL	120	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Hexachlorobutadiene	S4UL	120	< LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001		
Hexachloroethane	CL:AIRE	120	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Isophorone	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
Nitrobenzene	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		
p-Cresol	NGA	NGA	< LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		

Chronic human health risk (soils)

Scenario							
End user	Proposed site user						
Receptor	Industrial/Commercial						
SOM	6.00%						
GAC Preference	CASLs over S4ULs						

Contaminant	Guideline source	Guideline value	Max value	Location Depth (m)	TP01 0.75	TP02 0.50	TP02 0.50
Organics - Semi-Volatile Organic Compounds (SVOCs)							
Chlorophenols (sum of)	S4UL	4300	< LoD				< LoD
Cresols (sum of)	CL:AIRE	180000	< LoD				0
o-Cresol	NGA	NGA	< LoD				< 0.50
1,2,4-Trichlorobenzene	S4UL	1300	< LoD				< 0.001
1,2-Dichlorobenzene	S4UL	11000	< LoD				< 0.001
1,3-Dichlorobenzene	S4UL	170	< LoD				< 0.001
1,4-Dichlorobenzene	S4UL	25000	< LoD				< 0.001
2,4,5-Trichlorophenol	NGA	NGA	< LoD				< 0.50
2,4,6-Trichlorophenol	NGA	NGA	< LoD				< 0.50
2,4-Dichlorophenol	NGA	NGA	< LoD				< 0.50
2,4-Dimethylphenol	CL:AIRE	30000	< LoD				< 0.50
2,4-Dinitrotoluene	CL:AIRE	3800	< LoD				< 0.50
2,6-Dinitrotoluene	CL:AIRE	1900	< LoD				< 0.50
2-Chloronaphthalene	CL:AIRE	2200	< LoD				< 0.50
2-Chlorophenol	NGA	NGA	< LoD				< 0.50
2-Methylnaphthalene	NGA	NGA	< LoD				< 0.50
2-Nitroaniline	NGA	NGA	< LoD				< 0.50
2-Nitrophenol	NGA	NGA	< LoD				< 0.50
3-Nitroaniline	NGA	NGA	< LoD				< 0.50
4-Bromophenyl phenyl ether	NGA	NGA	< LoD				< 0.50
4-Chloro-3-methylphenol	NGA	NGA	< LoD				< 0.50
4-Chloroaniline	NGA	NGA	< LoD				< 0.50
4-Chlorophenyl phenyl ether	NGA	NGA	< LoD				< 0.50
4-Nitroaniline	NGA	NGA	< LoD				< 0.50
4-Nitrophenol	NGA	NGA	< LoD				< 0.50
Azobenzene	NGA	NGA	< LoD				< 0.50
Benzyl butyl phthalate	CL:AIRE	950000	< LoD				< 0.50
bis(2-chloroethoxy)methane	NGA	NGA	< LoD				< 0.50
bis(2-chloroethyl)ether	NGA	NGA	< LoD				< 0.50
bis(2-ethylhexyl)phthalate	CL:AIRE	86000	< LoD				< 0.50
Carbazole	NGA	NGA	< LoD				< 0.50
Dibenzofuran	NGA	NGA	< LoD				< 0.50
Dibutyl phthalate	CL:AIRE	15000	< LoD				< 0.50
Diethyl phthalate	CL:AIRE	290000	< LoD				< 0.50
Dimethyl phthalate	NGA	NGA	< LoD				< 0.50
Di-n-octyl phthalate	CL:AIRE	89000	< LoD				< 0.50
Hexachlorobenzene	S4UL	120	< LoD				< 0.50
Hexachlorobutadiene	S4UL	120	< LoD				< 0.001
Hexachloroethane	CL:AIRE	120	< LoD				< 0.50
Isophorone	NGA	NGA	< LoD				< 0.50
Nitrobenzene	NGA	NGA	< LoD				< 0.50
p-Cresol	NGA	NGA	< LoD				< 0.50

Acute human health risk (soils)

Scenario	Off-site public exposure
Critical receptor	Young female child (1 to 2 years old)
Oral exposure	N/A
Demal exposure	N/A
Inhalation exposure	30 mins exposure to a child off-site, from dusts and vapours generated during excavation

Contaminant	Guideline source	Principal pathway	Guideline value (mg/kg)	Max value (mg/kg)	Location	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04	TP01	TP01	TP02	
					Depth (m)	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50	0.20	0.75	0.50	
					Date	29/01/25	20/01/25	29/01/25	29/01/25	29/01/25	29/01/25	29/01/25	29/01/25	20/01/25	20/01/25	20/01/25	
Inorganics																	
Arsenic	AGAC	Inhalation	7,000,000	31		3	< 0.5	0.5	< 0.5	2.4	< 0.5	4.4	< 0.5	14	31	31	
Cadmium	AGAC	Inhalation	1,800,000	0.6		0.13	0.13	0.18	< 0.10	< 0.10	0.14	< 0.10	0.12	0.4	0.39	0.6	
Cyanide - Free	AGAC	Inhalation	380	<LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Organics																	
Benzene	AGAC	Inhalation	120	<LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Phenol	AGAC	**sat.**	**sat.**	<LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.10	< 0.10	< 0.10
Trichloroethene	AGAC	Inhalation	8,000	<LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Vinyl Chloride	AGAC	Inhalation	98	<LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			

Acute human health risk (soils)

Scenario	Off-site public exposure
Critical receptor	Young female child (1 to 2 years old)
Oral exposure	N/A
Demal exposure	N/A
Inhalation exposure	30 mins exposure to a child off-site, from dusts and vapours generated during excavation

Contaminant	Guideline source	Principal pathway	Guideline value (mg/kg)	Max value (mg/kg)	Location	TP02
					Depth (m)	0.90
					Date	20/01/25
Inorganics						
Arsenic	AGAC	Inhalation	7,000,000	31		21
Cadmium	AGAC	Inhalation	1,800,000	0.6		0.36
Cyanide - Free	AGAC	Inhalation	380	<LoD		< 0.50
Organics						
Benzene	AGAC	Inhalation	120	<LoD		< 0.001
Phenol	AGAC	**sat.**	**sat.**	<LoD		< 0.50
Trichloroethene	AGAC	Inhalation	8,000	<LoD		< 0.001
Vinyl Chloride	AGAC	Inhalation	98	<LoD		< 0.001

Acute human health risk (soils)

Scenario	Occupational exposure (construction worker)
Critical receptor	Adult female worker
Oral exposure	Ingestion of soil and dusts over a single working day
Demal exposure	Soil being left on the skin for several hours, assumed no PPE worn
Inhalation exposure	30 mins exposure - worker standing adjacent to active excavation (assumed no RPE)

Contaminant	Guideline source	Principal pathway	Guideline value (mg/kg)	Max value (mg/kg)	Location	BH01	BH01	BH02	BH02	BH03	BH03	BH04	BH04	TP01	TP01	TP02
					Depth (m)	0.50	18.00	15.75	0.50	1.50	18.00	1.50	17.50	0.20	0.75	0.50
					Date	29/01/25	20/01/25	29/01/25	29/01/25	29/01/25	29/01/25	29/01/25	29/01/25	29/01/25	20/01/25	20/01/25
Inorganics																
Arsenic	AGAC	Oral	7,000	31		3	< 0.5	0.5	< 0.5	2.4	< 0.5	4.4	< 0.5	14	31	31
Cadmium	AGAC	Oral	12,000	0.6		0.13	0.13	0.18	< 0.10	< 0.10	0.14	< 0.10	0.12	0.4	0.39	0.6
Cyanide - Free	AGAC	Oral & Inhalation	1,400	<LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organics																
Benzene	AGAC	Inhalation	240	<LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Phenol	AGAC	**sat.**	**sat.**	<LoD		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.10	< 0.10	< 0.10
Trichloroethene	AGAC	Inhalation	16,000	<LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			
Vinyl Chloride	AGAC	Inhalation	220	<LoD		< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001			

Acute human health risk (soils)

Scenario	Occupational exposure (construction worker)
Critical receptor	Adult female worker
Oral exposure	Ingestion of soil and dusts over a single working day
Demal exposure	Soil being left on the skin for several hours, assumed no PPE worn
Inhalation exposure	30 mins exposure - worker standing adjacent to active excavation (assumed no RPE)

Contaminant	Guideline source	Principal pathway	Guideline value (mg/kg)	Max value (mg/kg)	Location	TP02
					Depth (m)	0.90
					Date	20/01/25
Inorganics						
Arsenic	AGAC	Oral	7,000	31		21
Cadmium	AGAC	Oral	12,000	0.6		0.36
Cyanide - Free	AGAC	Oral & Inhalation	1,400	<LoD		< 0.50
Organics						
Benzene	AGAC	Inhalation	240	<LoD		< 0.001
Phenol	AGAC	**sat.**	**sat.**	<LoD		< 0.50
Trichloroethene	AGAC	Inhalation	16,000	<LoD		< 0.001
Vinyl Chloride	AGAC	Inhalation	220	<LoD		< 0.001

Controlled waters risk

Scenario	
Receptor	Drinking water

Contaminant	Guideline source	Guideline value (µg/l)	Max value (µg/l)	Location	BH02	BH03	WAC01	WAC02
				Depth (m)	19.32	19.28	0.00	0.00
				Type	W	W	ES	ES
				Date	03/02/25	03/02/25	20/01/25	20/01/25
Inorganics - Metals								
Arsenic	UK DWS	10	0.38		0.25	0.38	0.0038	0.0046
Boron	UK DWS	1000	95		93	95		
Cadmium	UK DWS	5	<LoD		< 0.11	< 0.11	< 0.00011	< 0.00011
Chromium (total)	UK DWS	50	4.8		4.7	4.8	0.01	0.088
Chromium (III)	NGA	NGA	4.8		4.7	4.8	0.01	0.088
Chromium (VI)	NGA	NGA	<LoD		< 20	< 20		
Copper	UK DWS	2000	2.6		2.6	2.5	0.012	0.027
Lead	UK DWS	10	<LoD		< 0.50	< 0.50	< 0.0005	< 0.0005
Mercury	UK DWS	1	<LoD		< 0.05	< 0.05	< 0.00005	< 0.00005
Nickel	UK DWS	20	6.3		6.3	5.3	0.0052	0.0063
Selenium	UK DWS	10	0.73		0.67	0.73	0.007	0.0019
Vanadium	NGA	NGA	<LoD		< 0.50	< 0.50		
Zinc	Int. DWS	3000	3.8		3.5	3.8	< 0.003	< 0.003
Inorganics - Miscellaneous								
pH	NGA	NGA	8		7.9	8		
Cyanide - Total	UK DWS	50	<LoD		< 50	< 50		
Cyanide - Free	NGA	NGA	<LoD		< 50	< 50		
Nitrate (as NO3)	UK DWS	50000	33000		33000	27000		
Chloride	UK DWS	250000	20				20	11
Sulphate	UK DWS	250000	89000		55000	89000	30	190
Organics - PAH & Phenol								
Naphthalene	NGA	NGA	<LoD		< 0.50	< 0.50		
Acenaphthylene	NGA	NGA	<LoD		< 0.50	< 0.50		
Acenaphthene	NGA	NGA	<LoD		< 0.50	< 0.50		
Fluorene	NGA	NGA	<LoD		< 0.50	< 0.50		
Phenanthrene	NGA	NGA	<LoD		< 0.50	< 0.50		
Anthracene	NGA	NGA	<LoD		< 0.50	< 0.50		
Fluoranthene	NGA	NGA	<LoD		< 0.50	< 0.50		
Pyrene	NGA	NGA	<LoD		< 0.50	< 0.50		
Benzo(a)anthracene	NGA	NGA	<LoD		< 0.50	< 0.50		
Chrysene	NGA	NGA	<LoD		< 0.50	< 0.50		
Benzo(b)fluoranthene	NGA	NGA	<LoD		< 0.50	< 0.50		
Benzo(k)fluoranthene	NGA	NGA	<LoD		< 0.50	< 0.50		
Benzo(a)pyrene	UK DWS	0.01	<LoD		< 0.50	< 0.50		
Indeno(1,2,3-cd)pyrene	NGA	NGA	<LoD		< 0.50	< 0.50		
Dibenz(a,h)anthracene	NGA	NGA	<LoD		< 0.50	< 0.50		
Benzo(ghi)perylene	NGA	NGA	<LoD		< 0.50	< 0.50		
PAH (sum of 4)	UK DWS	0.1	<LoD		<LoD	<LoD		
Phenol	NGA	NGA	<LoD		< 0.50	< 0.50	< 0.30	< 0.30

Controlled waters risk

Scenario	
Receptor	Drinking water

Contaminant	Guideline source	Guideline value (µg/l)	Max value (µg/l)	Location
				Depth (m)
				Type
				Date
Inorganics - Metals				
Arsenic	UK DWS	10	0.38	
Boron	UK DWS	1000	95	
Cadmium	UK DWS	5	<LoD	
Chromium (total)	UK DWS	50	4.8	
Chromium (III)	NGA	NGA	4.8	
Chromium (VI)	NGA	NGA	<LoD	
Copper	UK DWS	2000	2.6	
Lead	UK DWS	10	<LoD	
Mercury	UK DWS	1	<LoD	
Nickel	UK DWS	20	6.3	
Selenium	UK DWS	10	0.73	
Vanadium	NGA	NGA	<LoD	
Zinc	Int. DWS	3000	3.8	
Inorganics - Miscellaneous				
pH	NGA	NGA	8	
Cyanide - Total	UK DWS	50	<LoD	
Cyanide - Free	NGA	NGA	<LoD	
Nitrate (as NO3)	UK DWS	50000	33000	
Chloride	UK DWS	250000	20	
Sulphate	UK DWS	250000	89000	
Organics - PAH & Phenol				
Naphthalene	NGA	NGA	<LoD	
Acenaphthylene	NGA	NGA	<LoD	
Acenaphthene	NGA	NGA	<LoD	
Fluorene	NGA	NGA	<LoD	
Phenanthrene	NGA	NGA	<LoD	
Anthracene	NGA	NGA	<LoD	
Fluoranthene	NGA	NGA	<LoD	
Pyrene	NGA	NGA	<LoD	
Benzo(a)anthracene	NGA	NGA	<LoD	
Chrysene	NGA	NGA	<LoD	
Benzo(b)fluoranthene	NGA	NGA	<LoD	
Benzo(k)fluoranthene	NGA	NGA	<LoD	
Benzo(a)pyrene	UK DWS	0.01	<LoD	
Indeno(1,2,3-cd)pyrene	NGA	NGA	<LoD	
Dibenz(a,h)anthracene	NGA	NGA	<LoD	
Benzo(ghi)perylene	NGA	NGA	<LoD	
PAH (sum of 4)	UK DWS	0.1	<LoD	
Phenol	NGA	NGA	<LoD	

Controlled waters risk

Scenario	
Receptor	Drinking water

Contaminant	Guideline source	Guideline value (µg/l)	Max value (µg/l)	Location	BH02	BH03	WAC01	WAC02
				Depth (m)	19.32	19.28	0.00	0.00
				Type	W	W	ES	ES
				Date	03/02/25	03/02/25	20/01/25	20/01/25
Organics - BTEX & MTBE								
Benzene	UK DWS	1	<LoD		< 1.0	< 1.0		
Toluene	Int. DWS	700	<LoD		< 1.0	< 1.0		
Ethylbenzene	Int. DWS	300	<LoD		< 1.0	< 1.0		
Xylene (m and p, o)	Int. DWS	500	<LoD		<LoD	<LoD		
o-Xylene	NGA	NGA	<LoD		< 1.0	< 1.0		
m & p-xylene	NGA	NGA	<LoD		< 1.0	< 1.0		
MTBE	Int. DWS	15	<LoD		< 1.0	< 1.0		
Organics - TPH CWG								
EC05 - EC06 Aliphatic	WHO	15000	<LoD		< 0.10	< 0.10		
EC>06 - EC08 Aliphatic	WHO	15000	<LoD		< 0.10	< 0.10		
EC>08 - EC10 Aliphatic	WHO	300	<LoD		< 0.10	< 0.10		
EC>10 - EC12 Aliphatic	WHO	300	<LoD		< 0.10	< 0.10		
EC>12 - EC16 Aliphatic	WHO	300	<LoD		< 0.10	< 0.10		
EC>16 - EC21 Aliphatic	NGA	NGA	<LoD		< 0.10	< 0.10		
EC>21 - EC35 Aliphatic	NGA	NGA	<LoD		< 0.10	< 0.10		
EC>35 - EC44 Aliphatic	NGA	NGA			< 0.10	< 0.10		
EC5 - EC7 (benzene)	UK DWS	1	<LoD		< 0.10	< 0.10		
EC7 - >EC8 (toluene)	Int. DWS	700	<LoD		< 0.10	< 0.10		
EC>08 - EC10 Aromatic	WHO	300	<LoD		< 0.10	< 0.10		
EC>10 - EC12 Aromatic	WHO	90	<LoD		< 0.10	< 0.10		
EC>12 - EC16 Aromatic	WHO	90	<LoD		< 0.10	< 0.10		
EC>16 - EC21 Aromatic	WHO	90	<LoD		< 0.10	< 0.10		
EC>21 - EC35 Aromatic	WHO	90	<LoD		< 0.10	< 0.10		
EC>35 - EC44 Aromatic	WHO	90	<LoD		< 0.10	< 0.10		

Controlled waters risk

Scenario	
Receptor	Drinking water

Contaminant	Guideline source	Guideline value (µg/l)	Max value (µg/l)	Location
				Depth (m)
				Type
				Date
Organics - BTEX & MTBE				
Benzene	UK DWS	1	<LoD	
Toluene	Int. DWS	700	<LoD	
Ethylbenzene	Int. DWS	300	<LoD	
Xylene (m and p, o)	Int. DWS	500	<LoD	
o-Xylene	NGA	NGA	<LoD	
m & p-xylene	NGA	NGA	<LoD	
MTBE	Int. DWS	15	<LoD	
Organics - TPH CWG				
EC05 - EC06 Aliphatic	WHO	15000	<LoD	
EC>06 - EC08 Aliphatic	WHO	15000	<LoD	
EC>08 - EC10 Aliphatic	WHO	300	<LoD	
EC>10 - EC12 Aliphatic	WHO	300	<LoD	
EC>12 - EC16 Aliphatic	WHO	300	<LoD	
EC>16 - EC21 Aliphatic	NGA	NGA	<LoD	
EC>21 - EC35 Aliphatic	NGA	NGA	<LoD	
EC>35 - EC44 Aliphatic	NGA	NGA	<LoD	
EC5 - EC7 (benzene)	UK DWS	1	<LoD	
EC7 - >EC8 (toluene)	Int. DWS	700	<LoD	
EC>08 - EC10 Aromatic	WHO	300	<LoD	
EC>10 - EC12 Aromatic	WHO	90	<LoD	
EC>12 - EC16 Aromatic	WHO	90	<LoD	
EC>16 - EC21 Aromatic	WHO	90	<LoD	
EC>21 - EC35 Aromatic	WHO	90	<LoD	
EC>35 - EC44 Aromatic	WHO	90	<LoD	

Controlled waters risk

Scenario
Receptor
Drinking water

Contaminant	Guideline source	Guideline value (µg/l)	Max value (µg/l)	Location	BH02	BH03	WAC01	WAC02
				Depth (m)	19.32	19.28	0.00	0.00
				Type	W	W	ES	ES
				Date	03/02/25	03/02/25	20/01/25	20/01/25
Organics - VOCs								
PCE & TCE (sum of)	UK DWS	10	<LoD		<LoD	<LoD		
Trihalomethanes (sum of)	UK DWS	100	<LoD		<LoD	<LoD		
1,1,1,2-Tetrachloroethane	NGA	NGA	<LoD		< 2.0	< 2.0		
1,1,1-Trichloroethane	NGA	NGA	<LoD		< 1.0	< 1.0		
1,1,2-Trichloro-1,2,2-Trifluoroethane	NGA	NGA	<LoD		< 2.0	< 2.0		
1,1,2-Trichloroethane	NGA	NGA	<LoD		< 10	< 10		
1,1-Dichloroethane	NGA	NGA	<LoD		< 1.0	< 1.0		
1,1-Dichloroethene	NGA	NGA	<LoD		< 1.0	< 1.0		
1,1-Dichloropropene	NGA	NGA	<LoD		< 1.0	< 1.0		
1,2,3-Trichlorobenzene	NGA	NGA	<LoD		< 2.0	< 2.0		
1,2,3-Trichloropropane	NGA	NGA	<LoD		< 50	< 50		
1,2,4-Trimethylbenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
1,2-Dibromo-3-chloropropane	Int. DWS	1	<LoD		< 50	< 50		
1,2-Dibromoethane	Int. DWS	0.4	<LoD		< 5	< 5		
1,2-Dichlorobenzene	Int. DWS	1000	<LoD		< 1.0	< 1.0		
1,2-Dichloroethane	UK DWS	3	<LoD		< 2.0	< 2.0		
1,2-Dichloropropane	Int. DWS	40	<LoD		< 1.0	< 1.0		
1,3,5-Trimethylbenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
1,3-Dichlorobenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
1,3-Dichloropropane	Int. DWS	20	<LoD		< 2.0	< 2.0		
1,4-Dichlorobenzene	Int. DWS	300	<LoD		< 1.0	< 1.0		
2,2-Dichloropropane	NGA	NGA	<LoD		< 50	< 50		
2-Chlorotoluene	NGA	NGA	<LoD		< 1.0	< 1.0		
4-Chlorotoluene	NGA	NGA	<LoD		< 1.0	< 1.0		
Benzene	UK DWS	1	<LoD		< 1.0	< 1.0		
Bromobenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
Bromochloromethane	NGA	NGA	<LoD		< 5	< 5		
Bromodichloromethane	NGA	NGA	<LoD		< 5	< 5		
Bromoform	NGA	NGA	<LoD		< 1.0	< 1.0		
Bromomethane	NGA	NGA	<LoD		< 5	< 5		
Carbon Tetrachloride	UK DWS	3	<LoD		< 1.0	< 1.0		
Chlorobenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
Chloroethane	NGA	NGA	<LoD		< 2.0	< 2.0		
Chloroform	NGA	NGA	<LoD		< 1.0	< 1.0		
Chloromethane	NGA	NGA	<LoD		< 1.0	< 1.0		
cis-1,2-Dichloroethene	Int. DWS	50	<LoD		< 1.0	< 1.0		
cis-1,3-Dichloropropene	NGA	NGA	<LoD		< 10	< 10		
Dibromochloromethane	NGA	NGA	<LoD		< 10	< 10		
Dibromomethane	NGA	NGA	<LoD		< 10	< 10		
Dichlorodifluoromethane	NGA	NGA	<LoD		< 1.0	< 1.0		
Ethylbenzene	Int. DWS	300	<LoD		< 1.0	< 1.0		
Hexachlorobutadiene	Int. DWS	0.6	<LoD		< 1.0	< 1.0		
Isopropylbenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
m & p-xylene	NGA	NGA	<LoD		< 1.0	< 1.0		
MTBE	Int. DWS	15	<LoD		< 1.0	< 1.0		
n-Butylbenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
n-Propylbenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
o-Xylene	NGA	NGA	<LoD		< 1.0	< 1.0		
p-Isopropyltoluene	NGA	NGA	<LoD		< 1.0	< 1.0		
sec-Butylbenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
Styrene	Int. DWS	20	<LoD		< 1.0	< 1.0		
tert-Butylbenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
Tetrachloroethene	NGA	NGA	<LoD		< 1.0	< 1.0		
Toluene	Int. DWS	700	<LoD		< 1.0	< 1.0		
trans-1,2-Dichloroethene	Int. DWS	50	<LoD		< 1.0	< 1.0		
trans-1,3-Dichloropropene	NGA	NGA	<LoD		< 10	< 10		
Trichloroethene	NGA	NGA	<LoD		< 1.0	< 1.0		
Trichlorofluoromethane	NGA	NGA	<LoD		< 1.0	< 1.0		
Vinyl Chloride	UK DWS	0.5	<LoD		< 1.0	< 1.0		

Controlled waters risk

Scenario	
Receptor	Drinking water

Contaminant	Guideline source	Guideline value (µg/l)	Max value (µg/l)	Location
				Depth (m)
				Type
				Date
Organics - VOCs				
PCE & TCE (sum of)	UK DWS	10	<LoD	
Trihalomethanes (sum of)	UK DWS	100	<LoD	
1,1,1,2-Tetrachloroethane	NGA	NGA	<LoD	
1,1,1-Trichloroethane	NGA	NGA	<LoD	
1,1,2-Trichloro-1,2,2-Trifluoroethane	NGA	NGA	<LoD	
1,1,2-Trichloroethane	NGA	NGA	<LoD	
1,1-Dichloroethane	NGA	NGA	<LoD	
1,1-Dichloroethene	NGA	NGA	<LoD	
1,1-Dichloropropene	NGA	NGA	<LoD	
1,2,3-Trichlorobenzene	NGA	NGA	<LoD	
1,2,3-Trichloropropane	NGA	NGA	<LoD	
1,2,4-Trimethylbenzene	NGA	NGA	<LoD	
1,2-Dibromo-3-chloropropane	Int. DWS	1	<LoD	
1,2-Dibromoethane	Int. DWS	0.4	<LoD	
1,2-Dichlorobenzene	Int. DWS	1000	<LoD	
1,2-Dichloroethane	UK DWS	3	<LoD	
1,2-Dichloropropane	Int. DWS	40	<LoD	
1,3,5-Trimethylbenzene	NGA	NGA	<LoD	
1,3-Dichlorobenzene	NGA	NGA	<LoD	
1,3-Dichloropropane	Int. DWS	20	<LoD	
1,4-Dichlorobenzene	Int. DWS	300	<LoD	
2,2-Dichloropropane	NGA	NGA	<LoD	
2-Chlorotoluene	NGA	NGA	<LoD	
4-Chlorotoluene	NGA	NGA	<LoD	
Benzene	UK DWS	1	<LoD	
Bromobenzene	NGA	NGA	<LoD	
Bromochloromethane	NGA	NGA	<LoD	
Bromodichloromethane	NGA	NGA	<LoD	
Bromoform	NGA	NGA	<LoD	
Bromomethane	NGA	NGA	<LoD	
Carbon Tetrachloride	UK DWS	3	<LoD	
Chlorobenzene	NGA	NGA	<LoD	
Chloroethane	NGA	NGA	<LoD	
Chloroform	NGA	NGA	<LoD	
Chloromethane	NGA	NGA	<LoD	
cis-1,2-Dichloroethene	Int. DWS	50	<LoD	
cis-1,3-Dichloropropene	NGA	NGA	<LoD	
Dibromochloromethane	NGA	NGA	<LoD	
Dibromomethane	NGA	NGA	<LoD	
Dichlorodifluoromethane	NGA	NGA	<LoD	
Ethylbenzene	Int. DWS	300	<LoD	
Hexachlorobutadiene	Int. DWS	0.6	<LoD	
Isopropylbenzene	NGA	NGA	<LoD	
m & p-xylene	NGA	NGA	<LoD	
MTBE	Int. DWS	15	<LoD	
n-Butylbenzene	NGA	NGA	<LoD	
n-Propylbenzene	NGA	NGA	<LoD	
o-Xylene	NGA	NGA	<LoD	
p-Isopropyltoluene	NGA	NGA	<LoD	
sec-Butylbenzene	NGA	NGA	<LoD	
Styrene	Int. DWS	20	<LoD	
tert-Butylbenzene	NGA	NGA	<LoD	
Tetrachloroethene	NGA	NGA	<LoD	
Toluene	Int. DWS	700	<LoD	
trans-1,2-Dichloroethene	Int. DWS	50	<LoD	
trans-1,3-Dichloropropene	NGA	NGA	<LoD	
Trichloroethene	NGA	NGA	<LoD	
Trichlorofluoromethane	NGA	NGA	<LoD	
Vinyl Chloride	UK DWS	0.5	<LoD	

Controlled waters risk

Scenario	
Receptor	Drinking water

Contaminant	Guideline source	Guideline value (µg/l)	Max value (µg/l)	Location	BH02	BH03	WAC01	WAC02
				Depth (m)	19.32	19.28	0.00	0.00
				Type	W	W	ES	ES
				Date	03/02/25	03/02/25	20/01/25	20/01/25
Organics - SVOCs								
Dichlorobenzenes (sum of)	NGA	NGA	<LoD		<LoD	<LoD		
Trichlorobenzenes (sum of)	NGA	NGA	<LoD		<LoD	<LoD		
1,2,4-Trichlorobenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
1,2-Dichlorobenzene	Int. DWS	1000	<LoD		< 1.0	< 1.0		
1,3-Dichlorobenzene	NGA	NGA	<LoD		< 1.0	< 1.0		
1,4-Dichlorobenzene	Int. DWS	300	<LoD		< 1.0	< 1.0		
2,4,5-Trichlorophenol	NGA	NGA	<LoD		< 0.50	< 0.50		
2,4,6-Trichlorophenol	Int. DWS	200	<LoD		< 0.50	< 0.50		
2,4-Dichlorophenol	NGA	NGA	<LoD		< 0.50	< 0.50		
2,4-Dimethylphenol	NGA	NGA	<LoD		< 0.50	< 0.50		
2,4-Dinitrotoluene	NGA	NGA	<LoD		< 0.50	< 0.50		
2,6-Dinitrotoluene	NGA	NGA	<LoD		< 0.50	< 0.50		
2-Chloronaphthalene	NGA	NGA	<LoD		< 0.50	< 0.50		
2-Chlorophenol	NGA	NGA	<LoD		< 0.50	< 0.50		
2-Methylnaphthalene	NGA	NGA	<LoD		< 0.50	< 0.50		
2-Nitroaniline	NGA	NGA	<LoD		< 0.50	< 0.50		
2-Nitrophenol	NGA	NGA	<LoD		< 0.50	< 0.50		
3-Nitroaniline	NGA	NGA	<LoD		< 0.50	< 0.50		
4-Bromophenyl phenyl ether	NGA	NGA	<LoD		< 0.50	< 0.50		
4-Chloro-3-methylphenol	NGA	NGA	<LoD		< 0.50	< 0.50		
4-Chloroaniline	NGA	NGA	<LoD		< 0.50	< 0.50		
4-Chlorophenyl phenyl ether	NGA	NGA	<LoD		< 0.50	< 0.50		
4-Nitroaniline	NGA	NGA	<LoD		< 0.50	< 0.50		
4-Nitrophenol	NGA	NGA	<LoD		< 0.50	< 0.50		
Azobenzene	NGA	NGA	<LoD		< 0.50	< 0.50		
Benzyl butyl phthalate	NGA	NGA	<LoD		< 0.50	< 0.50		
bis(2-chloroethoxy)methane	NGA	NGA	<LoD		< 0.50	< 0.50		
bis(2-chloroethyl)ether	NGA	NGA	<LoD		< 0.50	< 0.50		
bis(2-Chloroisopropyl)ether	NGA	NGA	<LoD		< 0.50	< 0.50		
bis(2-ethylhexyl)phthalate	Int. DWS	8	<LoD		< 0.50	< 0.50		
Carbazole	NGA	NGA	<LoD		< 0.50	< 0.50		
Dibenzofuran	NGA	NGA	<LoD		< 0.50	< 0.50		
Dibutyl phthalate	NGA	NGA	<LoD		< 0.50	< 0.50		
Diethyl phthalate	NGA	NGA	<LoD		< 0.50	< 0.50		
Dimethyl phthalate	NGA	NGA	<LoD		< 0.50	< 0.50		
Di-n-octyl phthalate	NGA	NGA	<LoD		< 0.50	< 0.50		
Hexachlorobenzene	NGA	NGA	<LoD		< 0.50	< 0.50		
Hexachlorobutadiene	Int. DWS	0.6	<LoD		< 1.0	< 1.0		
Hexachloroethane	NGA	NGA	<LoD		< 0.50	< 0.50		
Isophorone	NGA	NGA	<LoD		< 0.50	< 0.50		
N-Nitrosodimethylamine	Int. DWS	0.1	<LoD		< 0.50	< 0.50		
N-Nitrosodi-n-propylamine	NGA	NGA	<LoD		< 0.50	< 0.50		
Nitrobenzene	NGA	NGA	<LoD		< 0.50	< 0.50		
o-Cresol	NGA	NGA	<LoD		< 0.50	< 0.50		
p-Cresol	NGA	NGA	<LoD		< 0.50	< 0.50		
Phenol	NGA	NGA	<LoD		< 0.50	< 0.50	< 0.30	< 0.30

Controlled waters risk

Scenario	
Receptor	Drinking water

Contaminant	Guideline source	Guideline value (µg/l)	Max value (µg/l)	Location
				Depth (m)
				Type
				Date
Organics - SVOCs				
Dichlorobenzenes (sum of)	NGA	NGA	<LoD	
Trichlorobenzenes (sum of)	NGA	NGA	<LoD	
1,2,4-Trichlorobenzene	NGA	NGA	<LoD	
1,2-Dichlorobenzene	Int. DWS	1000	<LoD	
1,3-Dichlorobenzene	NGA	NGA	<LoD	
1,4-Dichlorobenzene	Int. DWS	300	<LoD	
2,4,5-Trichlorophenol	NGA	NGA	<LoD	
2,4,6-Trichlorophenol	Int. DWS	200	<LoD	
2,4-Dichlorophenol	NGA	NGA	<LoD	
2,4-Dimethylphenol	NGA	NGA	<LoD	
2,4-Dinitrotoluene	NGA	NGA	<LoD	
2,6-Dinitrotoluene	NGA	NGA	<LoD	
2-Chloronaphthalene	NGA	NGA	<LoD	
2-Chlorophenol	NGA	NGA	<LoD	
2-Methylnaphthalene	NGA	NGA	<LoD	
2-Nitroaniline	NGA	NGA	<LoD	
2-Nitrophenol	NGA	NGA	<LoD	
3-Nitroaniline	NGA	NGA	<LoD	
4-Bromophenyl phenyl ether	NGA	NGA	<LoD	
4-Chloro-3-methylphenol	NGA	NGA	<LoD	
4-Chloroaniline	NGA	NGA	<LoD	
4-Chlorophenyl phenyl ether	NGA	NGA	<LoD	
4-Nitroaniline	NGA	NGA	<LoD	
4-Nitrophenol	NGA	NGA	<LoD	
Azobenzene	NGA	NGA	<LoD	
Benzyl butyl phthalate	NGA	NGA	<LoD	
bis(2-chloroethoxy)methane	NGA	NGA	<LoD	
bis(2-chloroethyl)ether	NGA	NGA	<LoD	
bis(2-Chloroisopropyl)ether	NGA	NGA	<LoD	
bis(2-ethylhexyl)phthalate	Int. DWS	8	<LoD	
Carbazole	NGA	NGA	<LoD	
Dibenzofuran	NGA	NGA	<LoD	
Dibutyl phthalate	NGA	NGA	<LoD	
Diethyl phthalate	NGA	NGA	<LoD	
Dimethyl phthalate	NGA	NGA	<LoD	
Di-n-octyl phthalate	NGA	NGA	<LoD	
Hexachlorobenzene	NGA	NGA	<LoD	
Hexachlorobutadiene	Int. DWS	0.6	<LoD	
Hexachloroethane	NGA	NGA	<LoD	
Isophorone	NGA	NGA	<LoD	
N-Nitrosodimethylamine	Int. DWS	0.1	<LoD	
N-Nitrosodi-n-propylamine	NGA	NGA	<LoD	
Nitrobenzene	NGA	NGA	<LoD	
o-Cresol	NGA	NGA	<LoD	
p-Cresol	NGA	NGA	<LoD	
Phenol	NGA	NGA	<LoD	

Appendix J JIWG Decision Tool



Joint Industry Working Group

Asbestos in Soil and Construction & Demolition Materials

Project Reference

STW6825

Site Name

Baldock Industrial Estate

Client

Gateley Smithers Purslow Limited

Run by

Soiltechnics Limited

Date

28-Feb-25

Scenario details

Risk to construction operatives

Decision Support Tool for CAR2012 Work Categories

Stage 1

Hazard Factors

Score

Select ACM type (run model for each type to generate 'Worst Case' output)

Extent of degradation of ACMs at outset of work

Friability and degree of bonding by matrix (ACM matrix, not ground materials)

Distribution of Visible Asbestos Across Affected Area

Amount of asbestos fibre in selected ACM/fibre type as % of host material

Free dispersed fibres/fibre bundles

2

Disaggregated (dominated by loose fibrous material; extreme degradation in ACM and/or free asbestos fibres/fibre bundles)

4

Friable ACM or ACM with fibres not linked in any matrix (free dispersed fibres/fibre bundles)

4

Moderate/frequent occurrences of visible contamination by ACMs

3

Very Low quantities - <0.001 to 0.01 %wt/wt

1

Sub-total

14

Note: the asbestos licensing regime is unaffected by the type of asbestos fibre present in ACMs

Hazard ranking

Medium

No warranty, expressed or implied, or reliance, is provided in relation to the use of this tool.

It is contingent on users to satisfy themselves that the output from the tool is relevant and appropriate to the assessment being made.

Stage 2

Exposure Factors

Anticipated airborne fibre concentration - Control Limit or SALI?
 Anticipated duration of exposure to asbestos
 Activity type and effect on deterioration of ACMs during work
 Best description of primary host material matrix (soil/made ground)
 Respirable fibre index for ACM - RIVM report 711701034 (2003)

<0.01 fibres/ml	1
> 2 hours in a 7 day period and Up to 10 hours in a day (e.g. full time occupational exposure)	4
Sampling, manual or mechanical (significant deterioration expected)	2
Fine Silt and/or Clay	1
Low	2

Sub-total

10

Exposure ranking

Low

Combined hazard and exposure ranking

24

Medium

Stage 3

Risk Assessment Outputs

Probable Licensing Status	Non-Licensed Work
RPE*	EN140 with P3 filter half mask
Dust Suppression**	Localised mechanical dust suppression
Hygiene/Decontamination***	Localised and enhanced personal decontamination facilities

*Where RPE has to be worn continuously for long periods (e.g. more than 1-hour), then powered RPE may be necessary.

**Reduction in control measures possible if natural mitigation factors are present (e.g. raining, wet ground)

***Guide only; suitability of selected personal hygiene measures may be reviewed on a site/contamination-specific basis

Decision Support Tool for Receptor Risk Ranking

Stage 1		Score
Hazard Identification		
Select ACM type (run model for each type to generate 'Worst Case' output)	Free dispersed fibres/fibre bundles	2
Extent of degradation of ACMs	Degraded (Significant degradation in ACM; material has lost its basic integrity)	3
Friability and degree of bonding by matrix (ACM matrix, not ground materials)	Friable ACM or ACM with fibres not firmly linked in a matrix	2
Distribution of Visible Asbestos Across Affected Area	Moderate/frequent occurrences of visible contamination by ACMs	3
Asbestos fibre type	Chrysotile alone	0
Sub-total		10
Hazard ranking		Low

No warranty, expressed or implied, or reliance, is provided in relation to the use of this tool.
It is contingent on users to satisfy themselves that the output from the tool is relevant and appropriate to the assessment being made.



Joint Industry Working Group

Asbestos in Soil and Construction & Demolition Materials

Stage 2		Score	
Emission Factors			
Amount of asbestos fibre in selected ACM/fibre type as % of host material	Low quantities - >0.01 to <0.05 %wt/wt	2	
Respirable fibre index for ACM - RIVM report 711701034 (2003)	Low	2	
Activity type and effect on deterioration of ACMs	Moderate disturbance, slight deterioration expected	3	
Best description of primary host material matrix	Coarse to Fine Gravel	3	
Sub-total		10	
Exposure ranking			Medium

Stage 3		Score	
Pathway and Receptor Sensitivity			
Receptor category	Commercial/Industrial	No score required	
Age of Receptor	Adult (>24 and <60)	1	
Duration of exposure/site occupancy	< 1 hour in any single day (e.g. frequent but short exposure event)	1	
Receptor ranking		2	Very Low
Combined hazard, exposure and receptor ranking			Low
Pathway: Distance of Receptor from Source	In or within 10m of area of disturbance	4	
Pathway: Depth to impacted material	Material buried at shallow depth, potential to be disturbed by excavation	C	
Pathway ranking		4C	Low
Overall ranking			Very Low



Joint Industry Working Group
Asbestos in Soil and Construction & Demolition Materials

Project Reference	STW6411
Site Name	Harris Academy, West Ham
Client	Willmott Dixon Construction Limited
Run by	Soiltechnics Limited
Date	25-Apr-24
Reviewed by	GL
Characterisation of scenario being evaluated	Exposure to off-site members of the public during the construction phase of works.
Interpretation of scenario ranking by DST	

Decision Support Tool for Receptor Risk Ranking

Stage 1		Score
Hazard Identification		
Select ACM type (run model for each type to generate 'Worst Case' output)	Free dispersed fibres/fibre bundles	2
Extent of degradation of ACMs	Degraded (Significant degradation in ACM; material has lost its basic integrity)	3
Friability and degree of bonding by matrix (ACM matrix, not ground materials)	Friable ACM or ACM with fibres not firmly linked in a matrix	2
Distribution of Visible Asbestos Across Affected Area	Moderate/frequent occurrences of visible contamination by ACMs	3
Asbestos fibre type	Chrysotile alone	0
Sub-total		10
Hazard ranking		Low

No warranty, expressed or implied, or reliance, is provided in relation to the use of this tool.
It is contingent on users to satisfy themselves that the output from the tool is relevant and appropriate to the assessment being made.



Joint Industry Working Group

Asbestos in Soil and Construction & Demolition Materials

Stage 2		Score	
Emission Factors			
Amount of asbestos fibre in selected ACM/fibre type as % of host material	Low quantities - >0.01 to <0.05 %wt/wt	2	
Respirable fibre index for ACM - RIVM report 711701034 (2003)	Low	2	
Activity type and effect on deterioration of ACMs	Moderate disturbance, slight deterioration expected	3	
Best description of primary host material matrix	Coarse to Fine Gravel	3	
Sub-total		10	
Exposure ranking			Medium

Stage 3		Score	
Pathway and Receptor Sensitivity			
Receptor category	Residential	No score required	
Age of Receptor	Infant (under 5)	4	
Duration of exposure/site occupancy	> 1hr <10 hr daily exposure (e.g. part-time to full time occupational exposure or extended daily recreational exposure)	3	
Receptor ranking		7	High
Combined hazard, exposure and receptor ranking			Medium
Pathway: Distance of Receptor from Source	>10m of edge of area of disturbance	3	
Pathway: Depth to impacted material	Material buried at shallow depth, potential to be disturbed by excavation	C	
Pathway ranking		3C	Low
Overall ranking			Low



Joint Industry Working Group
Asbestos in Soil and Construction & Demolition Materials

Project Reference	STW6411
Site Name	Harris Academy, West Ham
Client	Willmott Dixon Construction Limited
Run by	Soiltechnics Limited
Date	25-Apr-24
Reviewed by	GL
Characterisation of scenario being evaluated	Exposure to off-site members of the public during the construction phase of works.
Interpretation of scenario ranking by DST	

Appendix K Waste Characterisation Analysis

Waste Classification Assessment Summary

Waste population	Made Ground
Hazard assessment	Hazardous waste containing asbestos
List of waste code	Mixed waste: 17-06-05* and 17-05-04
List of waste description	Mixed waste: 'Construction material containing asbestos' and Soil and stones other than those mentioned in 17-05-03

Hazard property	Assessment
HP1 - Explosive	Not hazardous by HP1
HP2 - Oxidising	Not hazardous by HP2
HP3 - Flammable	Not hazardous by HP3
HP4 - Irritant	Not hazardous by HP4
HP5 - STOT & aspiration toxicity	Hazardous by HP5
HP6 - Acute toxicity	Not hazardous by HP6
HP7 - Carcinogenic	Hazardous by HP7
HP8 - Corrosive	Not hazardous by HP8
HP9 - Infectious	Not hazardous by HP9
HP10 - Toxic for reproduction	Not hazardous by HP10
HP11 - Mutagenic	Not hazardous by HP11
HP12 - Release of an acute toxic gas	Not hazardous by HP12
HP13 - Sensitising	Not hazardous by HP13
HP14 - Ecotoxic	Not hazardous by HP14

Waste classification

Overall assessment	
Waste population	Made Ground
Hazard assessment	Hazardous waste containing asbestos
List of Waste code	Mixed waste: 17 06 05* and 17 05 04
List of waste description	Mixed waste: "Construction material containing asbestos" and soil and stones other than those mentioned in 17 05 03
Is the statistical approach non-parametric, method B utilized?	No
Moisture content correction factor	No correction made

Asbestos assessment		
Query	Value	Assessment
Are bulk ACMs visually identifiable?	Yes	HPS and HP7
Have free fibres been detected?	Yes	See below
What is the free fibre concentration (%)	0.00%	Non-hazardous

Flammability assessment	
Comment	Assessment
The waste is not considered flammable as it is a solid waste without a free draining liquid phase, and the TPH concentration and composition is not considered to present a likely flammable hazard.	Non-hazardous

Hydrocarbon assessment	
Query	Assessment
Is the origin of the oil contamination known?	Unknown oil
B(a)P : TPH ratio (%)	Not required
B(a)P marker assessment	Not required

pH assessment		
Query	Value	Assessment
Are all substances present in the waste known?	No	See pH assessment below
pH - Min	7.90	Non-hazardous
pH - Max	11.00	Non-hazardous

Oxidising assessment	
Comment	Assessment
Cr (VI) is the only compound with an oxidising hazard statement (H271). On review, the concentration is considered too low to present a viable oxidising hazard in a waste soil	Non-hazardous

Economic assessment			
Equation	Sum	Criteria	Assessment
WM3, Eq. 2	0.00%	25%	Non-hazardous
WM3 Eq. 3	0.00%	25%	Non-hazardous
WM3 Eq. 4	0.00%	25%	Non-hazardous

Compound hazard assessments

Substance specific concentration limits																																											
Hazard Property Description						Irritant			Specific Target Organ Toxicity / Aspiration Toxicity				Acute Toxicity								Carcinogenic		Corrosive	Toxic for reproduction		Mutagenic		Sensitising		Ecotoxic				STOT				Carc.	Repr.				
Hazard Property						HP4			HP5				HP6								HP7		HP8	HP10		HP11		HP13		HP14				HP5				HP7	HP10				
Hazard Statement						H314	H315 and/or H319	H318	H304	H335	H372	H373	H300	H301	H302	H310	H311	H312	H330	H330	H331	H332	H350	H351	H314	H360	H361	H340	H341	H317	H334	H400	H410	H411	H413	H335 (C03)	H372 (C05)	H373 (C05)	H373 (P05C4)	H350 (H0P) (D0A/A)	H361 (P05C4)		
Contaminant	Max. concentration (mg/kg)	Realistic worst case compound	Mass conversion factor	MC applicable?	Hazard Class / Compound concentration (%)	Skin Corr.1A	Skin Irrit.2 Eye Irrit.2	Eye Dam.1	Asp.Tox.1	STOT SE.3	STOT RE.1	STOT RE.2	Acute Tox.2 (Oral)	Acute Tox.3 (Oral)	Acute Tox.4 (Oral)	Acute Tox.1 (Dermal)	Acute Tox.3 (Dermal)	Acute Tox.4 (Dermal)	Acute Tox.1 (Inhal.)	Acute Tox.2 (Inhal)	Acute Tox.3 (Inhal)	Acute Tox.4 (Inhal)	Carc.1A Carc.1B	Carc.2	Skin Corr.1A Skin Corr.1B	Repr.1A Repr.1B	Repr.2	Muta.1A Muta.1B	Muta.2	Skin Sens.1	Resp. Sens. 1	Aquatic Acute.1	Aquatic Chronic.1	Aquatic Chronic.2	Aquatic Chronic.4	STOT SE.3	STOT RE.1	STOT RE.2	STOT RE.2	Carc.1B	Repr.2		
Cyanide - Total	1.9	Salts of hydrogen cyanide, using sodium cyanide	1.88	N/A	0.000								0.000						0.000																								
Arsenic	31.0	Nickel diarsenide	1.78	N	0.006																		0.006																				
Arsenic (secondary)	31.0	Arsenic trioxide	1.32	N	0.004	0.004							0.004													0.004																	
Beryllium	2.5	Beryllium oxide	2.78	N	0.001		0.001																																				
Cadmium	0.6	Cadmium sulfide	1.29	N	0.000																																						
Cadmium (secondary)	0.6	Cadmium oxide	1.14	N	0.000																																						
Chromium (III)	39.0	Chromium (III) oxide	1.46	N	0.006		0.006																																				
Chromium (VI)	0.5	Chromium (VI) trioxide	1.92	N/A	0.000																																						
Copper	380.0	Copper (I) oxide	1.25	N	0.043																																						
Copper (secondary)	380.0	Copper(II) oxide	1.13	N	0.043			0.043																																			
Lead	240.0	Lead compounds, using lead sulphate	1.46	N	0.035																																						
Mercury	20.0	Mercury dichloride	1.35	N	0.003																																						
Nickel	43.0	Nickel carbonate	2.02	N	0.009		0.009																																				
Selenium	1.2	Selenium compounds, using selenium dioxide	1.41	N	0.000																																						
Zinc	270.0	Zinc sulphide	1.49	N	0.040		0.040																																				
Vanadium	75.0	Vanadium pentoxide	1.79	N	0.013																																						
Naphthalene	0.2	Naphthalene	1	N/A	0.000																																						
Acenaphthylene	0.1	Acenaphthylene	1	N/A	0.000																																						
Acenaphthene	0.2	Acenaphthene	1	N/A	0.000																																						
Fluorene	0.2	Fluorene	1	N/A	0.000																																						
Phenanthrene	2.2	Phenanthrene	1	N/A	0.000																																						
Anthracene	0.9	Anthracene	1	N/A	0.000																																						
Fluoranthene	3.0	Fluoranthene	1	N/A	0.000																																						
Pyrene	2.5	Pyrene	1	N/A	0.000																																						
Benzo(a)anthracene	1.7	Benzo(a)anthracene	1	N/A	0.000																																						
Chrysene	1.5	Chrysene	1	N/A	0.000																																						
Benzo(b)fluoranthene	2.5	Benzo(b)fluoranthene	1	N/A	0.000																																						
Benzo(k)fluoranthene	0.8	Benzo(k)fluoranthene	1	N/A	0.000																																						
Benzo(a)pyrene	1.9	Benzo(a)pyrene	1	N/A	0.000																																						
Indeno(1,2,3-cd)pyrene	1.4	Indeno(1,2,3-cd)pyrene	1	N/A	0.000																																						
Dibenz(a,h)anthracene	0.2	Dibenz(a,h)anthracene	1	N/A	0.000																																						
Benzo(ghi)perylene	1.0	Benzo(ghi)perylene	1	N/A	0.000																																						
Total TPH	300.0	Unknown oil	1	N/A	0.030																																						
Benzene	0.0	Benzene	1	N/A	0.000																																						
Toluene	0.0	Toluene	1	N/A	0.000																																						
Ethylbenzene	0.0	Ethylbenzene	1	N/A	0.000																																						
Xylenes	0.01	Xylenes	1	N/A	0.000																																						
Note:																																											
Cut-off value (%)					1%	1%	1%	N/A	N/A	N/A	N/A	N/A	0.1%	0.1%	1%	0.1%	0.1%	0.1%	1%	0.1%	0.1%	0.1%	1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total (or greatest)					0.00%	0.00%	0.03%	(0.01%)	(0.01%)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	(0.01%)	(0.04%)	0.01%	(0.04%)	(0.03%)	(0%)	(0.01%)	(0.04%)	(0.04%)	0.00%	0.00%	0.00%	0.00%	(0%)	(0%)	(0%)	(0.04%)	(0%)	(0.04%)	
Hazard threshold					1%	20%	10%	10%	20%	1%	10%	0.25%	5%	25%	0.25%	15%	55%	0.1%	0.5%	3.5%	22.5%	0.1%	1%	5%	0.3%	3%	0.1%	1%	10%	10%	WM3 eq.3 & eq.4	WM3 eq.3 & eq.4	WM3 eq.3 & eq.4	WM3 eq.4	1.0%	10.0%	0.1%	0.5%	0.01%	2.5%			
Hazardous					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N