

				Borehole Log			Borehole No. WS02 Sheet 1 of 1	
Project Name: 37-39 WEST ROAD				Project No. GRO-25311		Co-ords: -		Hole Type WS
Location: TOTTENHAM				Level:		Scale 1:25		
Client: HE5 UK ENTERPRISES 25 GP LIMITED				Dates: 04/10/2025 -		Logged By RR		

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
							MADE GROUND: Grey CONCRETE.		
		0.30	ES	PID=0	0.23				
		0.50	ES	PID=1	0.50			MADE GROUND: Dark brown black slightly clayey gravelly fine to coarse SAND. Gravel is angular to subangular fine to coarse of brick and concrete.	
								MADE GROUND: Firm black slightly sandy gravelly CLAY. Gravel is angular to subangular fine to coarse of brick and concrete. Sand is fine to coarse.	
		1.00							
		1.20	D	N=45 (5,9/9,8,12,16)				Dense light orange brown sandy angular to subangular fine to coarse GRAVEL of flint. Sand is fine to coarse.	
		1.20					Moderate hydrocarbon odour present between 1.0m and 1.8m begl.	1	
		1.50	ES	PID=35					
		1.80		N=50 (25 for 140mm/50 for 215mm)	1.80			Becoming very dense at 1.8m begl.	2
							End of borehole at 1.80 m		
									3
									4
									5

Remarks
 1. Location cleared of services by specialist utility clearance company. 2. Hand dug inspection pit to 1.2m begl. 3. Groundwater seepage encountered at 1.5m begl. 4. Borehole terminated at 1.8m begl due to an SPT refusal. 5. Standpipe installed to 1.8m begl (1.0m plain, 0.8m slotted).



Project Name: 37-39 WEST ROAD

Project No.
GRO-25311

Co-ords: -

Hole Type
WS

Location: TOTTENHAM

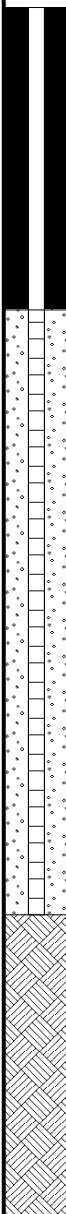
Level:

Scale
1:25

Client: HE5 UK ENTERPRISES 25 GP LIMITED

Dates: 04/10/2025 -

Logged By
RR

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
								MADE GROUND: Grey CONCRETE.		
		0.30	ES	PID=0	0.20 0.27			MADE GROUND: Red angular to subangular fine to coarse GRAVEL of brick with moderate cobble content of brick.		
		0.70	ES	PID=0				MADE GROUND: Firm brown slightly sandy gravelly CLAY. Gravel is angular to subangular fine to medium of brick, concrete and sandstone. Sand is fine to coarse.		
		1.00	D		0.90			Firm orange brown slightly gravelly very sandy CLAY. Gravel is subangular to subrounded fine to medium of sandstone. Sand is fine to coarse.	1	
		1.20 1.20	ES	N=7 (0,1/1,2,2,2) PID=0						
		2.00 2.00	D	N=1 (0,0/0,0,0,1)				<u>Becoming soft at 2.0m begl.</u>	2	
		2.50	ES	PID=2	2.60			<u>Slight hydrocarbon odour present between 2.5m and 3.5m begl.</u>		
		3.00 3.00	D	N=24 (5,5/5,6,6,7)				Medium dense orange brown sandy angular to subangular fine to coarse GRAVEL of flint. Sand is fine to coarse.	3	
		3.50	ES	PID=4						
		4.00 4.00	D	N=40 (8,7/9,10,10,11)	4.00			<u>Becoming dense at 4.0m begl.</u> End of borehole at 4.00 m	4	

Borehole Log

Borehole No.

WS04

Sheet 1 of 1

Project Name: 37-39 WEST ROAD

Project No.
GRO-25311

Co-ords: -

Hole Type
WS

Location: TOTTENHAM

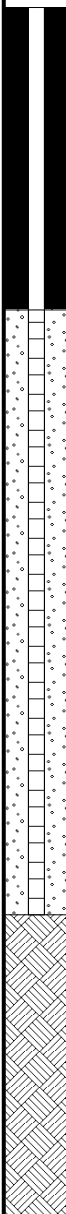
Level:

Scale
1:25

Client: HE5 UK ENTERPRISES 25 GP LIMITED

Dates: 04/10/2025 -

Logged By
RR

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
								MADE GROUND: Grey CONCRETE.	
		0.30	ES	PID=0	0.20			MADE GROUND: Grey very sandy angular to subangular fine to coarse GRAVEL of limestone. Sand is fine to coarse.	
		0.60	ES	PID=0	0.50			MADE GROUND: Firm to stiff grey sandy gravelly CLAY. Gravel is angular to subangular fine to coarse of brick and limestone. Sand is fine to coarse.	
		1.00	D ES	PID=0 N=5 (0,1/1,1,2,1)	0.80		Firm orange brown slightly gravelly very sandy CLAY. Gravel is subangular to subrounded fine to medium of sandstone. Sand is fine to coarse.	1	
		1.00							
		1.20							
		2.00	D	N=28 (2,6/6,7,8,7)	2.00		Medium dense orange brown sandy angular to subangular fine to coarse GRAVEL of flint. Sand is fine to coarse.	2	
		2.00							
		3.00	D	N=17 (1,2/3,4,4,6)				3	
		3.00							
		4.00	D	N=14 (6,6/5,3,3,3)	4.00			4	
4.00									
						End of borehole at 4.00 m		4	
									5



APPENDIX 4 - Geo-Environmental Testing Results (Soils)

Groundtech Consulting Limited
PO Box 499
Manchester
United Kingdom
M28 8EE



4225



Attention : Rebecca Rowlinson
Date : 15th October, 2025
Your reference : GRO-25311
Our reference : Test Report 25/16715 Batch 1
Location : West Road
Date samples received : 9th October, 2025
Status : Final Report
Issue : 202510151544

Seventeen samples were received for analysis on 9th October, 2025 of which eleven were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.

All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

The greenhouse gas emissions generated (in Carbon – Co2e) to obtain the results in this report are estimated as:

Scope 1&2 emissions - 24.833 kg of CO2

Scope 1&2&3 emissions - 58.687 kg of CO2

Authorised By:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-25311
Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/16715

Report : Solid

Solids: V=60g VOC jar. J=250g glass jar. T=plastic tub

EMT Sample No.	1-3	4-6	7-9	10-11,47	12-14	15-17	18-19	20	21-23,48	24-26	Please see attached notes for all abbreviations and acronyms		
Sample ID	WS01	WS01	WS02	WS02	WS03	WS03	WS01	WS03	WS04	WS03			
Depth	1.000	2.000	0.500	1.500	0.700	2.500	4.000	3.000	1.000	1.200			
COC No / misc													
Containers	V J T	V J T	V J T	J T V	V J T	V J T	J T	T	V J T	V J T			
Sample Date	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025			
Arsenic #	16.4	12.6	10.0	11.9	17.6	5.9	-	-	-	-	<0.5	mg/kg	TM30/PM15
Cadmium #	0.8	0.8	<0.3	<0.3	<0.3	<0.3	-	-	-	-	<0.3	mg/kg	TM30/PM15
Chromium #	81.3	57.7	36.4	90.0	23.3	35.1	-	-	-	-	<0.5	mg/kg	TM30/PM15
Copper #	247	71	114	11	51	17	-	-	-	-	<1	mg/kg	TM30/PM15
Lead #	362	118	132	10	232	11	-	-	-	-	<5	mg/kg	TM30/PM15
Mercury #	0.5	0.4	0.5	<0.1	0.8	<0.1	-	-	-	-	<0.1	mg/kg	TM30/PM15
Nickel #	36.3	27.4	19.7	22.8	14.5	29.7	-	-	-	-	<0.7	mg/kg	TM30/PM15
Selenium #	<1	<1	<1	<1	<1	<1	-	-	-	-	<1	mg/kg	TM30/PM15
Zinc #	777	480	99	29	94	63	-	-	-	-	<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #	1.20	0.10	0.16	<0.04	<0.04	<0.04	-	-	-	-	<0.04	mg/kg	TM4/PM8
Acenaphthylene	0.15	<0.03	<0.03	<0.03	0.08	<0.03	-	-	-	-	<0.03	mg/kg	TM4/PM8
Acenaphthene #	1.39	0.52	0.14	<0.05	<0.05	0.10	-	-	-	-	<0.05	mg/kg	TM4/PM8
Fluorene #	0.92	0.83	0.09	<0.04	<0.04	0.38	-	-	-	-	<0.04	mg/kg	TM4/PM8
Phenanthrene #	14.06	3.43	0.26	<0.03	0.51	0.73	-	-	-	-	<0.03	mg/kg	TM4/PM8
Anthracene #	3.88	0.71	0.10	<0.04	0.16	<0.04	-	-	-	-	<0.04	mg/kg	TM4/PM8
Fluoranthene #	24.19	5.85	0.75	0.04	1.26	0.16	-	-	-	-	<0.03	mg/kg	TM4/PM8
Pyrene #	20.49	5.30	0.65	0.03	1.09	0.16	-	-	-	-	<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	11.38	2.54	0.38	<0.06	0.68	0.10	-	-	-	-	<0.06	mg/kg	TM4/PM8
Chrysene #	10.87	2.56	0.38	<0.02	0.75	0.09	-	-	-	-	<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #	18.04	4.62	0.63	<0.07	1.46	0.10	-	-	-	-	<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	12.30	3.18	0.39	<0.04	0.97	<0.04	-	-	-	-	<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #	7.56	2.22	0.28	<0.04	0.72	<0.04	-	-	-	-	<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	1.32	0.41	0.06	<0.04	0.13	<0.04	-	-	-	-	<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	6.35	1.90	0.26	<0.04	0.67	<0.04	-	-	-	-	<0.04	mg/kg	TM4/PM8
PAH 16 Total	134.1	34.2	4.5	<0.6	8.5	1.8	-	-	-	-	<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	12.99	3.33	0.45	<0.05	1.05	0.07	-	-	-	-	<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	5.05	1.29	0.18	<0.02	0.41	0.03	-	-	-	-	<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	95	86	93	66	90	100	-	-	-	-	<0	%	TM4/PM8
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	-	<2	-	-	-	-	<2	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	-	<3	-	-	-	-	<3	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	<3	-	<3	-	-	-	-	<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	-	<3	-	-	-	-	<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	-	<5	-	-	-	-	<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	-	<3	-	-	-	-	<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	66	61	68	62	-	72	-	-	-	-	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	82	78	87	76	-	99	-	-	-	-	<0	%	TM15/PM10

Element Materials Technology

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Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/16715

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	1-3	4-6	7-9	10-11,47	12-14	15-17	18-19	20	21-23,48	24-26	Please see attached notes for all abbreviations and acronyms		
Sample ID	WS01	WS01	WS02	WS02	WS03	WS03	WS01	WS03	WS04	WS03			
Depth	1.000	2.000	0.500	1.500	0.700	2.500	4.000	3.000	1.000	1.200			
COC No / misc													
Containers	V J T	V J T	V J T	J T V	V J T	V J T	J T	T	V J T	V J T			
Sample Date	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025	LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-	<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #	<0.1	0.1	<0.1	0.3	-	<0.1	-	-	-	-	<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	7.8	0.4	8.1	-	0.1	-	-	-	-	<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #	<0.2	180.2	<0.2	117.3	-	1.9	-	-	-	-	<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #	<4	597	<4	416	-	10	-	-	-	-	<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #	<7	500	<7	368	-	<7	-	-	-	-	<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #	293	158	15	173	-	<7	-	-	-	-	<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH_CU+HS_1D_AL)	293	1443	<19	1083	-	<19	-	-	-	-	<19	mg/kg	TM5/PM8/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-	<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	-	<0.1	-	-	-	-	<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #	<0.1	0.3	<0.1	<0.1	-	<0.1	-	-	-	-	<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	<0.2	33.6	<0.2	241.0	-	<0.2	-	-	-	-	<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	<4	320	<4	872	-	10	-	-	-	-	<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	56	427	11	871	-	9	-	-	-	-	<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	199	286	65	543	-	<7	-	-	-	-	<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH_CU+HS_1D_AR) #	255	1067	76	2527	-	19	-	-	-	-	<19	mg/kg	TM5/PM8/PM16
Total aliphatics and aromatics (C5-35) (EH_CU+HS_1D_Total)	548	2510	76	3610	-	<38	-	-	-	-	<38	mg/kg	TM5/PM8/PM16
Natural Moisture Content	24.5	36.0	23.3	6.6	16.8	25.6	-	-	-	-	<0.1	%	PM4/PM0
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	-	-	-	-	<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #	0.3561	0.1151	0.0284	0.0475	0.0697	0.0344	0.1734	0.0095	0.0180	0.0470	<0.0015	g/l	TM38/PM20
Organic Matter	7.8	6.1	3.5	<0.2	3.6	0.3	-	-	-	-	<0.2	%	TM21/PM24
pH #	8.26	7.80	7.43	7.36	8.22	9.15	10.39	8.38	7.80	8.13	<0.01	pH units	TM73/PM11

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-25311
Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/16715

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

[illegible]

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-25311
Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/16715

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	44-46												
Sample ID	WS04												
Depth	0.600												
COC No / misc													
Containers	V J T												
Sample Date	04/10/2025												
Sample Type	Soil												
Batch Number	1												
Date of Receipt	09/10/2025												
											LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #	-										<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #	-										<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	-										<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #	-										<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #	-										<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #	-										<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #	-										<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH_CU+HS_1D_AL)	-										<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Aromatics													
>C5-EC7 (HS_1D_AR) #	-										<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	-										<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #	-										<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	-										<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	-										<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	-										<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	-										<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH_CU+HS_1D_AR) #	-										<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Total aliphatics and aromatics(C5-35) (EH_CU+HS_1D_Total)	-										<38	mg/kg	TM5/PM8/PM16/PM12/PM10
Natural Moisture Content	17.0										<0.1	%	PM4/PM0
Hexavalent Chromium #	<0.3										<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #	0.0185										<0.0015	g/l	TM38/PM20
Organic Matter	2.4										<0.2	%	TM21/PM24
pH #	7.94										<0.01	pH units	TM73/PM11

Please see attached notes for all abbreviations and acronyms

Client Name: Groundtech Consulting Limited
Reference: GRO-25311
Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/16715

Please see attached notes for all abbreviations and acronyms

QF-PM 3.1.3 v11

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-25311
Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/16715

VOC Report : Solid

EMT Sample No.	1-3	4-6	7-9	10-11,47	15-17						Please see attached notes for all abbreviations and acronyms		
Sample ID	WS01	WS01	WS02	WS02	WS03								
Depth	1.000	2.000	0.500	1.500	2.500								
COC No / misc													
Containers	V J T	V J T	V J T	J T V	V J T								
Sample Date	04/10/2025	04/10/2025	04/10/2025	04/10/2025	04/10/2025								
Sample Type	Soil	Soil	Soil	Soil	Soil								
Batch Number	1	1	1	1	1						LOD/LOR	Units	Method No.
Date of Receipt	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025								
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	4	<3	<3						<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2	<2						<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1	<1						<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6	<6						<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7	<7						<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	7	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6	<6						<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	<5						<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3						<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	22	<3	41	<3						<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Propylbenzene #	<4	26	<4	56	<4						<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	41	<5	49	<5						<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6	<6	<6						<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	159	<4	440	10						<4	ug/kg	TM15/PM10
4-Isopropyltoluene	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
n-Butylbenzene	<4	125	<4	339	15						<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7	<7						<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Naphthalene	45	<27	<27	<27	<27						<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7	<7						<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	66	61	68	62	72						<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	82	78	87	76	99						<0	%	TM15/PM10

Matrix : Solid

8 of 16

Note:

The LOQ of the Asbestos Quantification is 0.001% dry fibre of dry mass of sample.

Where the sample is not taken by a Element Materials Technology consultant, Element Materials Technology cannot be responsible for inaccurate or unrepresentative sampling.

QF-PM 3.1.15 v10

Client Name:	Groundtech Consulting Limited
Reference:	GRO-25311
Location:	West Road
Contact:	Rebecca Rowlinson

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

It is a requirement under ISO 17025 that we inform clients if samples are deviating i.e. outside what is expected. A deviating sample indicates that the sample 'may' be compromised but not necessarily will be compromised. The result is still accredited and our analytical reports will still show accreditation on the relevant analytes.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 25/16715

SOILS and ASH

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. Asbestos samples are retained for 6 months.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C. Ash samples are dried at 35°C ±5°C.

Where Mineral Oil is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil is quoted, this refers to Total Aliphatics C10-C40.

STACK EMISSIONS

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a requirement of our Accreditation Body for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.

Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

Customer Provided Information

Sample ID and depth is information provided by the customer.

Age of Diesel

The age of release estimation is based on the nC17/pristane ratio only as prescribed by Christensen and Larsen (1993) and Kaplan, Galperin, Alimi et al., (1996).

Age estimation should be treated with caution as it can be influenced by site specific factors of which the laboratory are not aware.

Tentatively Identified Compounds (TICs)

Where Tentatively Identified Compounds (TICs) are reported, up to 10 Tentatively Identified Compounds will be listed where there is found to be a greater than 80% match with the NIST library. The reported concentration is determined semi-quantitatively, with a matrix specific limit of detection.

Note, other compounds may be present but are not reported.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above quantitative calibration range. The result should be considered the minimum value and is indicative only. The actual result could be significantly higher.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

HWOL ACRONYMS AND OPERATORS USED

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	Aromatics only.
2D	GC-GC - Double coil gas chromatography.
#1	EH_Total but with humics mathematically subtracted
#2	EU_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +).
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry.

EMT Job No: 25/16715

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35 degrees Celsius or 105 degrees Celsius. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.	PM0	No preparation is required.			AR	
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM16	Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.			AR	
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes		AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details			AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details	Yes		AR	Yes
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes

EMT Job No: 25/16715

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM21	Modified BS 7755-3:1995, ISO10694:1995 Determination of Total Organic Carbon or Total Carbon by combustion in an Eltra TOC furnace/analyser in the presence of oxygen. The CO2 generated is quantified using infra-red detection. Organic Matter (SOM) calculated as per EA MCERTS Chemical Testing of Soil.	PM24	Preparation of Soil and Marine Sediment Samples for Total Organic Carbon.			AD	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 degrees Celsius. Samples containing asbestos are not dried and ground.	Yes		AD	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) - All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes		AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) - All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes		AR	Yes
TM65	Asbestos Bulk Identification method based on HSG 248 Second edition (2021)	PM42	Modified SCA Blue Book V.12 draft 2017 and WM3 1st Edition v1.1:2018. Solid samples undergo a thorough visual inspection for asbestos fibres prior to asbestos identification using TM065.	Yes		AR	
TM73	Modified US EPA methods 150.1 (1982) and 9045D Rev. 4 - 2004) and BS1377-3:1990. Determination of pH by Metrohm automated probe analyser.	PM11	Extraction of as received solid samples using one part solid to 2.5 parts deionised water.	Yes		AR	No
TM15_A	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds, Vinyl Chloride & Styrene by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes



APPENDIX 5 - Geo-Environmental Testing Results (Groundwater)

Groundtech Consulting Limited
PO Box 499
Manchester
United Kingdom
M28 8EE



4225



Attention : Rebecca Rowlinson
Date : 6th November, 2025
Your reference : GRO-25311
Our reference : Test Report 25/17961 Batch 1
Location : West Road
Date samples received : 28th October, 2025
Status : Final Report
Issue : 202511061205

Four samples were received for analysis on 28th October, 2025 of which three were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.

All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

The greenhouse gas emissions generated (in Carbon – Co2e) to obtain the results in this report are estimated as:

Scope 1&2 emissions - 8.109 kg of CO2

Scope 1&2&3 emissions - 19.163 kg of CO2

Authorised By:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-25311
Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/17961

Report : Liquid

Liquids/products: V=40ml vial, G=glass bottle, P=plastic bottle
H=H₂SO₄, Z=ZnAc, N=NaOH, HN=HNO₃

EMT Sample No.	1-8	9-16	17-24								Please see attached notes for all abbreviations and acronyms		
Sample ID	WS01	WS02	WS03										
Depth													
COC No / misc													
Containers	V H HNUF N Z P G	V H HNUF N Z P G	V H HNUF N Z P G										
Sample Date	23/10/2025	23/10/2025	23/10/2025										
Sample Type	Ground Water	Ground Water	Ground Water										
Batch Number	1	1	1										
Date of Receipt	28/10/2025	28/10/2025	28/10/2025										
Dissolved Arsenic #	<2.5	<2.5	<2.5								<2.5	ug/l	TM30/PM14
Dissolved Cadmium #	<0.5	<0.5	<0.5								<0.5	ug/l	TM30/PM14
Total Dissolved Chromium #	<1.5	<1.5	<1.5								<1.5	ug/l	TM30/PM14
Dissolved Copper #	<7	<7	<7								<7	ug/l	TM30/PM14
Dissolved Lead #	<5	<5	<5								<5	ug/l	TM30/PM14
Dissolved Mercury #	<1	<1	<1								<1	ug/l	TM30/PM14
Dissolved Nickel #	11	12	3								<2	ug/l	TM30/PM14
Dissolved Selenium #	<3	<3	<3								<3	ug/l	TM30/PM14
Dissolved Zinc #	5	7	5								<3	ug/l	TM30/PM14
PAH MS													
Naphthalene #	0.4	0.2	<0.1								<0.1	ug/l	TM4/PM30
Acenaphthylene #	0.072	<0.005	<0.005								<0.005	ug/l	TM4/PM30
Acenaphthene #	2.255	0.949	<0.005								<0.005	ug/l	TM4/PM30
Fluorene #	3.063	3.018	<0.005								<0.005	ug/l	TM4/PM30
Phenanthrene #	4.741	2.691	<0.005								<0.005	ug/l	TM4/PM30
Anthracene #	1.064	0.189	<0.005								<0.005	ug/l	TM4/PM30
Fluoranthene #	4.531	0.787	<0.005								<0.005	ug/l	TM4/PM30
Pyrene #	3.894	0.698	0.023								<0.005	ug/l	TM4/PM30
Benzo(a)anthracene #	1.572	0.182	<0.005								<0.005	ug/l	TM4/PM30
Chrysene #	1.769	0.345	<0.005								<0.005	ug/l	TM4/PM30
Benzo(bk)fluoranthene #	3.091	0.251	<0.008								<0.008	ug/l	TM4/PM30
Benzo(a)pyrene #	2.145	0.146	<0.005								<0.005	ug/l	TM4/PM30
Indeno(123cd)pyrene #	1.461	0.097	<0.005								<0.005	ug/l	TM4/PM30
Dibenzo(ah)anthracene #	0.288	0.019	<0.005								<0.005	ug/l	TM4/PM30
Benzo(ghi)perylene #	1.301	0.082	<0.005								<0.005	ug/l	TM4/PM30
PAH 16 Total #	31.647	9.654	<0.173								<0.173	ug/l	TM4/PM30
Benzo(b)fluoranthene	2.226	0.181	<0.008								<0.008	ug/l	TM4/PM30
Benzo(k)fluoranthene	0.865	0.070	<0.008								<0.008	ug/l	TM4/PM30
PAH Surrogate % Recovery	86	73	79								<0	%	TM4/PM30
Methyl Tertiary Butyl Ether #	<0.1	<0.1	<0.1								<0.1	ug/l	TM15/PM10
Benzene #	<0.5	<0.5	<0.5								<0.5	ug/l	TM15/PM10
Toluene #	<5	<5	<5								<5	ug/l	TM15/PM10
Ethylbenzene #	<1	<1	<1								<1	ug/l	TM15/PM10
m/p-Xylene #	<2	<2	<2								<2	ug/l	TM15/PM10
o-Xylene #	<1	<1	<1								<1	ug/l	TM15/PM10
Surrogate Recovery Toluene D8	102	106	105								<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	107	109	105								<0	%	TM15/PM10

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-25311
Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/17961

Report : Liquid

Liquids/products: V=40ml vial, G=glass bottle, P=plastic bottle
H=H₂SO₄, Z=ZnAc, N=NaOH, HN=HNO₃

EMT Sample No.	1-8	9-16	17-24								Please see attached notes for all abbreviations and acronyms		
Sample ID	WS01	WS02	WS03										
Depth													
COC No / misc													
Containers	V H HNUF N Z P G	V H HNUF N Z P G	V H HNUF N Z P G										
Sample Date	23/10/2025	23/10/2025	23/10/2025										
Sample Type	Ground Water	Ground Water	Ground Water										
Batch Number	1	1	1										
Date of Receipt	28/10/2025	28/10/2025	28/10/2025								LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #	<10	<10	<10								<10	ug/l	TM36/PM12
>C6-C8 (HS_1D_AL) #	22	19	<10								<10	ug/l	TM36/PM12
>C8-C10 (HS_1D_AL) #	649	385	<10								<10	ug/l	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #	938 ^{AA}	1265	<15 ^{AA}								<5	ug/l	TM5/PM16/PM30
>C12-C16 (EH_CU_1D_AL) #	3140 ^{AA}	4500	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
>C16-C21 (EH_CU_1D_AL) #	2550 ^{AA}	3990	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
>C21-C35 (EH_CU_1D_AL) #	720 ^{AA}	1780	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
Total aliphatics C5-35 (EH_CU+HS_1D_AL) #	8019 ^{AA}	11939	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
Aromatics													
>C5-EC7 (HS_1D_AR) #	<10	<10	<10								<10	ug/l	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<10	<10	<10								<10	ug/l	TM36/PM12
>EC8-EC10 (HS_1D_AR) #	26	17	<10								<10	ug/l	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	386 ^{AA}	590	<15 ^{AA}								<5	ug/l	TM5/PM16/PM30
>EC12-EC16 (EH_CU_1D_AR) #	2000 ^{AA}	2980	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
>EC16-EC21 (EH_CU_1D_AR) #	1880 ^{AA}	2850	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
>EC21-EC35 (EH_CU_1D_AR) #	500 ^{AA}	1620	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
Total aromatics C5-35 (EH_CU+HS_1D_AR) #	4792 ^{AA}	8057	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
Total aliphatics and aromatics(C5-35) (EH_CU+HS_1D_Total) #	12811 ^{AA}	19996	<30 ^{AA}								<10	ug/l	TM5/PM16/PM30
PCB 28 #	<0.1	<0.1	<0.1								<0.1	ug/l	TM17/PM30
PCB 52 #	<0.1	<0.1	<0.1								<0.1	ug/l	TM17/PM30
PCB 101 #	<0.1	<0.1	<0.1								<0.1	ug/l	TM17/PM30
PCB 118 #	<0.1	<0.1	<0.1								<0.1	ug/l	TM17/PM30
PCB 138 #	<0.1	<0.1	<0.1								<0.1	ug/l	TM17/PM30
PCB 153 #	<0.1	<0.1	<0.1								<0.1	ug/l	TM17/PM30
PCB 180 #	<0.1	<0.1	<0.1								<0.1	ug/l	TM17/PM30
Total 7 PCBs	<0.7	<0.7	<0.7								<0.7	ug/l	TM17/PM30
Sulphate as SO4 #	2.9	28.6	51.9								<0.5	mg/l	TM38/PM0
Ammoniacal Nitrogen as N #	0.10	1.65	3.70								<0.03	mg/l	TM38/PM0
Ammoniacal Nitrogen as NH3 #	0.123	2.001	4.494								<0.030	mg/l	TM38/PM0
Hexavalent Chromium	<0.006	<0.006	<0.006								<0.006	mg/l	TM38/PM0
Total Alkalinity as CaCO3 #	564	444	178								<1	mg/l	TM75/PM0
Dissolved Organic Carbon #	33	10	3								<2	mg/l	TM60/PM0
pH #	7.32	7.67	7.53								<0.01	pH units	TM73/PM0

EMT Sample No.	1-8	9-16	17-24								Please see attached notes for all abbreviations and acronyms		
Sample ID	WS01	WS02	WS03										
Depth													
COC No / misc Containers	V H H N U F N Z P G	V H H N U F N Z P G	V H H N U F N Z P G										
Sample Date	23/10/2025	23/10/2025	23/10/2025										
Sample Type	Ground Water	Ground Water	Ground Water										
Batch Number	1	1	1										
Date of Receipt	28/10/2025	28/10/2025	28/10/2025								LOD/LOR	Units	Method No.
SVOC MS													
Phenols													
2-Chlorophenol #	<1	<1	<1								<1	ug/l	TM16/PM30
2-Methylphenol #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
2-Nitrophenol	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
2,4-Dichlorophenol #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
2,4-Dimethylphenol	<1	<1	<1								<1	ug/l	TM16/PM30
2,4,5-Trichlorophenol #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
2,4,6-Trichlorophenol	<1	<1	<1								<1	ug/l	TM16/PM30
4-Chloro-3-methylphenol #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
4-Methylphenol	<1	<1	<1								<1	ug/l	TM16/PM30
4-Nitrophenol	<10	<10	<10								<10	ug/l	TM16/PM30
Pentachlorophenol	<1	<1	<1								<1	ug/l	TM16/PM30
Phenol	<1	<1	<1								<1	ug/l	TM16/PM30
PAHs													
2-Chloronaphthalene #	<1	<1	<1								<1	ug/l	TM16/PM30
2-Methylnaphthalene #	<1	84	<1								<1	ug/l	TM16/PM30
Phthalates													
Bis(2-ethylhexyl) phthalate	<5	<5	<5								<5	ug/l	TM16/PM30
Butylbenzyl phthalate	<1	<1	<1								<1	ug/l	TM16/PM30
Di-n-butyl phthalate #	<1.5	<1.5	<1.5								<1.5	ug/l	TM16/PM30
Di-n-Octyl phthalate	<1	<1	<1								<1	ug/l	TM16/PM30
Diethyl phthalate #	<1	<1	<1								<1	ug/l	TM16/PM30
Dimethyl phthalate	<1	<1	<1								<1	ug/l	TM16/PM30
Other SVOCs													
1,2-Dichlorobenzene #	<1	<1	<1								<1	ug/l	TM16/PM30
1,2,4-Trichlorobenzene #	<1	<1	<1								<1	ug/l	TM16/PM30
1,3-Dichlorobenzene #	<1	<1	<1								<1	ug/l	TM16/PM30
1,4-Dichlorobenzene #	<1	<1	<1								<1	ug/l	TM16/PM30
2-Nitroaniline	<1	<1	<1								<1	ug/l	TM16/PM30
2,4-Dinitrotoluene #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
2,6-Dinitrotoluene	<1	<1	<1								<1	ug/l	TM16/PM30
3-Nitroaniline	<1	<1	<1								<1	ug/l	TM16/PM30
4-Bromophenyphenylether #	<1	<1	<1								<1	ug/l	TM16/PM30
4-Chloroaniline	<1	<1	<1								<1	ug/l	TM16/PM30
4-Chlorophenyphenylether #	<1	<1	<1								<1	ug/l	TM16/PM30
4-Nitroaniline	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
Azobenzene #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
Bis(2-chloroethoxy)methane #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
Bis(2-chloroethyl)ether #	<1	<1	<1								<1	ug/l	TM16/PM30
Carbazole #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
Dibenzofuran #	2.6	<0.5	<0.5								<0.5	ug/l	TM16/PM30
Hexachlorobenzene #	<1	<1	<1								<1	ug/l	TM16/PM30
Hexachlorobutadiene #	<1	<1	<1								<1	ug/l	TM16/PM30
Hexachlorocyclopentadiene	<1	<1	<1								<1	ug/l	TM16/PM30
Hexachloroethane #	<1	<1	<1								<1	ug/l	TM16/PM30
Isophorone #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
N-nitrosodi-n-propylamine #	<0.5	<0.5	<0.5								<0.5	ug/l	TM16/PM30
Nitrobenzene #	<1	<1	<1								<1	ug/l	TM16/PM30
Surrogate Recovery 2-Fluorobiphenyl	107	86	87								<0	%	TM16/PM30
Surrogate Recovery p-Terphenyl-d14	117	89	92								<0	%	TM16/PM30

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-25311
Location: West Road
Contact: Rebecca Rowlinson
EMT Job No: 25/17961

VOC Report : Liquid

EMT Sample No.	1-8	9-16	17-24									
Sample ID	WS01	WS02	WS03									
Depth												
COC No / misc												
Containers	V H H N U F N Z P G	V H H N U F N Z P G	V H H N U F N Z P G									
Sample Date	23/10/2025	23/10/2025	23/10/2025									
Sample Type	Ground Water	Ground Water	Ground Water									
Batch Number	1	1	1									
Date of Receipt	28/10/2025	28/10/2025	28/10/2025									
	LOD/LOR	Units	Method No.									
VOC MS												
Dichlorodifluoromethane	<2	ug/l	TM15/PM10									
Methyl Tertiary Butyl Ether #	<0.1	ug/l	TM15/PM10									
Chloromethane #	<3	ug/l	TM15/PM10									
Vinyl Chloride #	0.7	ug/l	TM15/PM10									
Bromomethane	<1	ug/l	TM15/PM10									
Chloroethane #	<3	ug/l	TM15/PM10									
Trichlorofluoromethane #	<3	ug/l	TM15/PM10									
1,1-Dichloroethene (1,1 DCE) #	<3	ug/l	TM15/PM10									
Dichloromethane (DCM) #	<3	ug/l	TM15/PM10									
trans-1-2-Dichloroethene #	<3	ug/l	TM15/PM10									
1,1-Dichloroethane #	<3	ug/l	TM15/PM10									
cis-1-2-Dichloroethene #	<3	ug/l	TM15/PM10									
2,2-Dichloropropane	<1	ug/l	TM15/PM10									
Bromochloromethane #	<2	ug/l	TM15/PM10									
Chloroform #	<2	ug/l	TM15/PM10									
1,1,1-Trichloroethane #	<2	ug/l	TM15/PM10									
1,1-Dichloropropene #	<3	ug/l	TM15/PM10									
Carbon tetrachloride #	<2	ug/l	TM15/PM10									
1,2-Dichloroethane #	<2	ug/l	TM15/PM10									
Benzene #	<0.5	ug/l	TM15/PM10									
Trichloroethene (TCE) #	<3	ug/l	TM15/PM10									
1,2-Dichloropropane #	<2	ug/l	TM15/PM10									
Dibromomethane #	<3	ug/l	TM15/PM10									
Bromodichloromethane #	<2	ug/l	TM15/PM10									
cis-1-3-Dichloropropene	<2	ug/l	TM15/PM10									
Toluene #	<5	ug/l	TM15/PM10									
trans-1-3-Dichloropropene	<2	ug/l	TM15/PM10									
1,1,2-Trichloroethane #	<2	ug/l	TM15/PM10									
Tetrachloroethene (PCE) #	<3	ug/l	TM15/PM10									
1,3-Dichloropropane #	<2	ug/l	TM15/PM10									
Dibromochloromethane	<2	ug/l	TM15/PM10									
1,2-Dibromoethane #	<2	ug/l	TM15/PM10									
Chlorobenzene #	<2	ug/l	TM15/PM10									
1,1,1,2-Tetrachloroethane #	<2	ug/l	TM15/PM10									
Ethylbenzene #	<1	ug/l	TM15/PM10									
m/p-Xylene #	<2	ug/l	TM15/PM10									
o-Xylene #	<1	ug/l	TM15/PM10									
Styrene	<2	ug/l	TM15/PM10									
Bromoform	<2	ug/l	TM15/PM10									
Isopropylbenzene #	4	ug/l	TM15/PM10									
1,1,2,2-Tetrachloroethane	<4	ug/l	TM15/PM10									
Bromobenzene #	<2	ug/l	TM15/PM10									
1,2,3-Trichloropropane #	<3	ug/l	TM15/PM10									
Propylbenzene #	5	ug/l	TM15/PM10									
2-Chlorotoluene #	<3	ug/l	TM15/PM10									
1,3,5-Trimethylbenzene #	<3	ug/l	TM15/PM10									
4-Chlorotoluene #	<3	ug/l	TM15/PM10									
tert-Butylbenzene #	<3	ug/l	TM15/PM10									
1,2,4-Trimethylbenzene #	<3	ug/l	TM15/PM10									
sec-Butylbenzene #	8	ug/l	TM15/PM10									
4-Isopropyltoluene #	<3	ug/l	TM15/PM10									
1,3-Dichlorobenzene #	<3	ug/l	TM15/PM10									
1,4-Dichlorobenzene #	<3	ug/l	TM15/PM10									
n-Butylbenzene #	7	ug/l	TM15/PM10									
1,2-Dichlorobenzene #	<3	ug/l	TM15/PM10									
1,2-Dibromo-3-chloropropane	<2	ug/l	TM15/PM10									
1,2,4-Trichlorobenzene	<3	ug/l	TM15/PM10									
Hexachlorobutadiene	<3	ug/l	TM15/PM10									
Naphthalene	<2	ug/l	TM15/PM10									
1,2,3-Trichlorobenzene	<3	ug/l	TM15/PM10									
Surrogate Recovery Toluene D8	102	%	TM15/PM10									
Surrogate Recovery 4-Bromofluorobenzene	107	%	TM15/PM10									

Please see attached notes for all abbreviations and acronyms

Matrix : Liquid

6 of 13

Element Materials Technology **Notification of Deviating Samples**

Notification of Deviating Samples

Client Name: Groundtech Consulting Limited

Reference: GRO-25311

Location: West Road

Contact: Rebecca Rowlinson

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

It is a requirement under ISO 17025 that we inform clients if samples are deviating i.e. outside what is expected. A deviating sample indicates that the sample 'may' be compromised but not necessarily will be compromised. The result is still accredited and our analytical reports will still show accreditation on the relevant analytes.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 25/17961

SOILS and ASH

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. Asbestos samples are retained for 6 months.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C. Ash samples are dried at 35°C ±5°C.

Where Mineral Oil is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil is quoted, this refers to Total Aliphatics C10-C40.

STACK EMISSIONS

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a requirement of our Accreditation Body for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.

Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

Customer Provided Information

Sample ID and depth is information provided by the customer.

Age of Diesel

The age of release estimation is based on the nC17/pristane ratio only as prescribed by Christensen and Larsen (1993) and Kaplan, Galperin, Alimi et al., (1996).

Age estimation should be treated with caution as it can be influenced by site specific factors of which the laboratory are not aware.

Tentatively Identified Compounds (TICs)

Where Tentatively Identified Compounds (TICs) are reported, up to 10 Tentatively Identified Compounds will be listed where there is found to be a greater than 80% match with the NIST library. The reported concentration is determined semi-quantitatively, with a matrix specific limit of detection.

Note, other compounds may be present but are not reported.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above quantitative calibration range. The result should be considered the minimum value and is indicative only. The actual result could be significantly higher.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range
AA	x3 Dilution

HWOL ACRONYMS AND OPERATORS USED

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	Aromatics only.
2D	GC-GC - Double coil gas chromatography.
#1	EH_Total but with humics mathematically subtracted
#2	EU_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +).
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry.

EMT Job No: 25/17961

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.				
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.	Yes			
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM16/PM30	Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE/Water samples are extracted with solvent using a magnetic stirrer to create a vortex.	Yes			
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.				
TM5/TM36	please refer to TM5 and TM36 for method details	PM12/PM16/PM30	please refer to PM16/PM30 and PM12 for method details	Yes			
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.				
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes			
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.				
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.	Yes			
TM17	Modified US EPA method 8270D v5:2014. Determination of specific Polychlorinated Biphenyl congeners by GC-MS.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.				

EMT Job No: 25/17961

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM17	Modified US EPA method 8270D v5:2014. Determination of specific Polychlorinated Biphenyl congeners by GC-MS.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.	Yes			
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma-Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM14	Preparation of waters and leachates for metals by ICP OES/ICP MS. Samples are filtered for Dissolved metals, and remain unfiltered for Total metals then acidified	Yes			
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes			
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) - All anions comparable to BS ISO 15923-1: 2013I	PM0	No preparation is required.				
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) - All anions comparable to BS ISO 15923-1: 2013I	PM0	No preparation is required.	Yes			
TM60	TC/TOC analysis of Waters by High Temperature Combustion followed by NDIR detection. Based on the following modified standard methods: USEPA 9060A (2002), APHA SMEWW 5310B:1999 22nd Edition, ASTM D 7573, and USEPA 415.1.	PM0	No preparation is required.	Yes			
TM73	Modified US EPA methods 150.1 (1982) and 9045D Rev. 4 - 2004) and BS1377-3:1990. Determination of pH by Metrohm automated probe analyser.	PM0	No preparation is required.	Yes			
TM75	Modified US EPA method 310.1 (1978). Determination of Alkalinity by Metrohm automated titration analyser.	PM0	No preparation is required.	Yes			



APPENDIX 6 - Geotechnical Testing Results



LABORATORY REPORT



Contract Number: PSL25/7716

Report Date: 30 October 2025

Client's Reference:

Client Name: Groundtech Consulting
First Floor
Lloyd House
Orford Court
Greenfold Way
WN7 3XJ

For the attention of: Rebecca Rowlinson

Contract Title: West Road

Date Received: 9/10/2025

Date Commenced: 9/10/2025

Date Completed: 30/10/2025

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

A Watkins
(Managing Director)

R Berriman
(Associate Director)

S Royle
(Laboratory Manager)

L Knight
(Assistant Laboratory Manager)

S Eyre
(Senior Technician)


S Braithwaite
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5 – 7 Hexthorpe Road,
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awatkins@prosoils.co.uk

Page 1 of

[illegible]

Client Ref:

SUMMARY OF SOIL CLASSIFICATION TESTS

BS 1377 - Part 2 : 2022 in accordance with BS EN ISO 17892 (as below)

[illegible]

Water Content - BS 1377 - Part 2 : 2022 : Clause 4 in accordance with BS EN ISO 17892 - 1 : 2014 + A1 : 2022

Linear Shrinkage - BS 1377 - Part 2 : 2022 : Clause 7

Particle Density (Gas Jar method) - BS 1377 - Part 2 : 2022 : Clause 9

Liquid, Plastic Limit & Plasticity Index - BS 1377 - Part 2 : 2022 : Clause 5 & 6 in accordance with BS EN ISO 17892 - 12 : 2018 + A2 : 2022

SYMBOLS : NP = Non Plastic



West Road

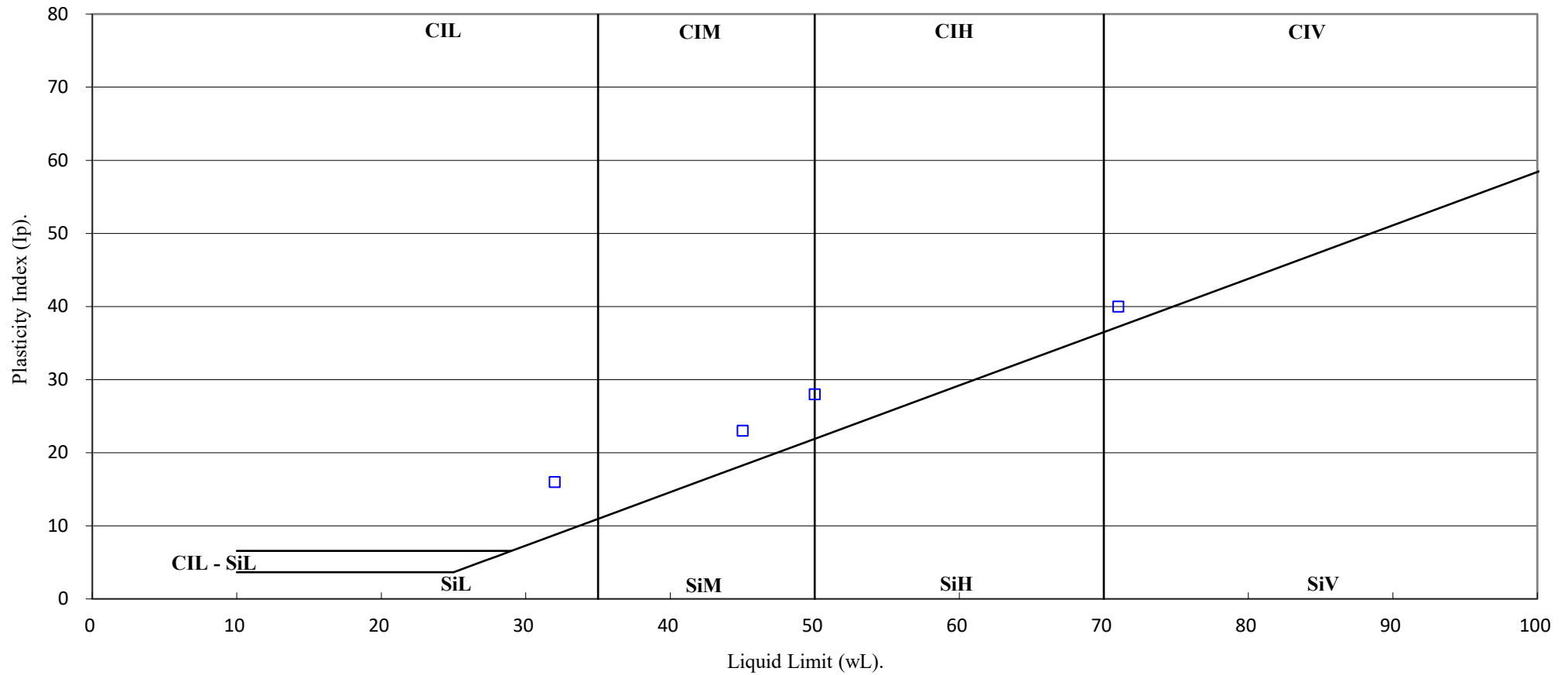
Contract No:

PSL25/7716

Client Ref:

PLASTICITY CHART

BS EN ISO 14688-2:2017 Clause 4.4



West Road

Contract No:

PSL25/7716

Client Ref:



APPENDIX 7 - Interim Ground Gas Monitoring Results

PERMANENT GROUND GAS MONITORING FORM



SITE NAME:		37-39 WEST ROAD, TOTTENHAM		ENGINEER:		William Sandiford Mitchell	
CLIENT:		GOYA DEVELOPMENTS		DATE:		24/10/2025	
JOB NO:		GRO-25311					
Pressure Trend:		Steady	Weather:		RAINING		Equipment:
							GFM 436
Ambient:		O ₂ (%v/v)	CH ₄ (%v/v)	CO ₂ (%v/v)	LEL	H ₂ S (ppm)	CO (ppm)
Start		20.8	0.0	0.0	0.0	0.0	0.0
Finish		20.7	0.0	0.0	0.0	0.0	0.0

BH Ref.	Gas Flow Rate (l/hr)		Borehole Pressure (mb)	Methane (%v/v)			Carbon Dioxide (%v/v)			Oxygen (%v/v)			Hydrogen Sulphide (ppm)		Carbon Monoxide (ppm)		Q _{hg} CO ₂ (l/hr)	Q _{hg} CH ₄ (l/hr)	Atmos Press (mb)	PID (ppm)	Sheen (Y/N)	LNAPL (Y/N)	DNAPL (Y/N)	Depth to Water (m bgl)
	Peak	Steady		Peak	Steady	LEL	Peak	Steady	LEL	Peak	Steady	LEL	Peak	Steady	Peak	Steady								
WS01	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0028	0.0000	979	45.9	N	N/A	N/A	1.40
WS02	0.0	0.0	0.00	23.3	22.0	466.0	1.6	1.6	10.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0016	0.0233	981	0.0	Y	N/A	N/A	0.93
WS03	0.0	0.0	0.00	0.0	0.0	0.0	0.1	0.1	19.9	20.1	0.0	0.0	0.0	25.0	0.0	0.0	0.0001	0.0000	984	0.0	N	N/A	N/A	1.93
WS04	0.3	0.3	0.01	93.9	93.7	1878.0	4.7	4.7	1.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0141	0.2817	984	0.0	Y	N/A	N/A	1.78

Notes:

PERMANENT GROUND GAS MONITORING FORM



GROUNDTECH
CONSULTING

SITE NAME:		37-39 WEST ROAD, TOTTENHAM				ENGINEER:		William Sandford Mitchell			
CLIENT:		GOYA DEVELOPMENTS				DATE:		06/11/2025			
JOB NO:		GRO-25311									
Pressure Trend:		Steady	Weather:		Raining			Equipment:			GFM 436
Ambient:		O ₂ (%v/v)	CH ₄ (%v/v)	CO ₂ (%v/v)	LEL	H ₂ S (ppm)	CO (ppm)				
Start		20.7	0.0	0.0	0.0	0.0	0.0				
Finish		20.7	0.0	0.0	0.0	0.0	0.0				

BH Ref.	Gas Flow Rate (l/hr)		Borehole Pressure (mb)	Methane (%w/v)			Carbon Dioxide (%w/v)		Oxygen (%v/v)		Hydrogen Sulphide (ppm)		Carbon Monoxide (ppm)		Q _{hg} CO ₂ (l/hr)	Q _{hg} CH ₄ (l/hr)	Atmos Press (mb)	PID (ppm)	Sheen (Y/N)	LNAPL (Y/N)	DNAPL (Y/N)	Depth to Water (m bgl)
	Peak			Steady		LEL	Peak		Steady		Peak	Peak		Steady								
	Peak	Steady		Peak	Steady		Peak	Steady	Peak	Steady												
WS01	0.0	0.0	0.00	0.0	0.0	0.0	3.5	3.3	19.3	18.9	0.0	0.0	0.0	0.0	0.0035	0.0000	1005	37.7	N	N/A	N/A	1.37
WS02	0.0	0.0	0.00	21.8	20.9	436.0	2.4	2.3	20.2	19.9	0.0	0.0	0.0	0.0	0.0024	0.0218	1005	0.0	Y	N/A	N/A	0.96
WS03	0.0	0.0	0.00	0.0	0.0	0.0	1.2	1.1	20.2	20.1	0.0	0.0	0.0	18.0	0.0012	0.0000	1006	0.0	N	N/A	N/A	1.95
WS04	0.0	0.0	0.00	58.7	57.9	1174.0	4.8	4.5	11.2	8.9	0.0	0.0	0.0	0.0	0.0048	0.0587	1006	1.1	Y	N/A	N/A	1.81



APPENDIX 8 - Screening Values (Commercial End Use)

Generic Assessment Criteria (GAC)									
Proposed End Use	Unit	Residential with Plant Uptake			Commercial			Source	
SOM	%	1	2.5	6	1	2.5	6		
Arsenic	mg/kg	37	37	37	640	640	640	LQM S4ULs	
Beryllium	mg/kg	1.7	1.7	1.7	12	12	12	LQM S4ULs	
Boron (water soluble)	mg/kg	290	290	290	240000	240000	240000	LQM S4ULs	
Cadmium	mg/kg	11	11	11	190	190	190	LQM S4ULs	
Chromium (Total)	mg/kg	910	910	910	8600	8600	8600	LQM S4ULs	
Chromium (VI)	mg/kg	6	6	6	33	33	33	LQM S4ULs	
Copper	mg/kg	2400	2400	2400	68000	68000	68000	LQM S4ULs	
Lead	mg/kg	200	200	200	2300	2300	2300	DEFRA C4SLs	
Organic Mercury	mg/kg	1.2	1.2	1.2	26	26	26	LQM S4ULs	
Nickel	mg/kg	130	130	130	980	980	980	LQM S4ULs	
Selenium	mg/kg	250	250	250	12000	12000	12000	LQM S4ULs	
Vanadium	mg/kg	410	410	410	9000	9000	9000	LQM S4ULs	
Zinc	mg/kg	3700	3700	3700	730000	730000	730000	LQM S4ULs	
Aliphatic EC 5 - 6	mg/kg	42	78	160	3200 (304) ^{sol}	5900 (558) ^{sol}	12000 (1150) ^{sol}	LQM S4ULs	
Aliphatic EC 6 - 8	mg/kg	100	230	530	7800 (144) ^{sol}	17000 (322) ^{sol}	40000 (736) ^{sol}	LQM S4ULs	
Aliphatic EC 8 - 10	mg/kg	27	65	150	2000 (78) ^{sol}	4800 (190) ^{sol}	11000 (451) ^{vap}	LQM S4ULs	
Aliphatic EC 10 - 12	mg/kg	130 (48) ^{vap}	330 (118) ^{vap}	760 (283) ^{vap}	9700 (48) ^{sol}	23000 (118) ^{vap}	47000 (283) ^{vap}	LQM S4ULs	
Aliphatic EC 12 - 16	mg/kg	1100 (24) ^{sol}	2400 (59) ^{sol}	4300 (142) ^{sol}	59000 (24) ^{sol}	82000 (59) ^{sol}	90000 (142) ^{sol}	LQM S4ULs	
Aliphatic EC 16 - 35	mg/kg	65000 (8.48) ^{f, sol}	92000 (21) ^{f, sol}	110000 ^f	1600000 ^f	1700000 ^f	1800000 ^f	LQM S4ULs	
Aliphatic EC 35 - 44	mg/kg	65000 (8.48) ^{f, sol}	92000 (21) ^{f, sol}	110000 ^f	1600000 ^f	1700000 ^f	1800000 ^f	LQM S4ULs	
Aromatic EC 5 - 7	mg/kg	70	140	300	26000 (1220) ^{sol}	46000 (2260) ^{sol}	86000 (4710) ^{sol}	LQM S4ULs	
Aromatic EC 7 - 8	mg/kg	130	290	660	56000 (869) ^{vap}	110000 (1920) ^{sol}	180000 (4360) ^{vap}	LQM S4ULs	
Aromatic EC 8 - 10	mg/kg	34	83	190	3500 (613) ^{vap}	8100 (1500) ^{vap}	17000 (3580) ^{vap}	LQM S4ULs	
Aromatic EC 10 - 12	mg/kg	74	180	380	16000 (364) ^{sol}	28000 (899) ^{sol}	34000 (2150) ^{sol}	LQM S4ULs	
Aromatic EC 12 -16	mg/kg	140	330	660	36000 (169) ^{sol}	37000	38000	LQM S4ULs	
Aromatic EC 16 - 21	mg/kg	260 ^f	540 ^f	930 ^f	28000 ^f	28000 ^f	28000 ^f	LQM S4ULs	
Aromatic EC 21 - 35	mg/kg	1100 ^f	1500 ^f	1700 ^f	28000 ^f	28000 ^f	28000 ^f	LQM S4ULs	
Aromatic EC 35 - 44	mg/kg	1100 ^f	1500 ^f	1700 ^f	28000 ^f	28000 ^f	28000 ^f	LQM S4ULs	
Benzene	mg/kg	0.087	0.17	0.37	27	47	90	LQM S4ULs	
Toluene	mg/kg	130	130	130	56000 (869) ^{vap}	110000 (1920) ^{sol}	180000 (4360) ^{vap}	LQM S4ULs	
Ethyl Benzene	mg/kg	47	110	260	5700	13000	27000	LQM S4ULs	
Xylene - o	mg/kg	60	140	330	6600	15000	33000	LQM S4ULs	
Xylene - m	mg/kg	59	140	320	6200	14000	31000	LQM S4ULs	
Xylene - p	mg/kg	56	130	310	5900	14000	30000	LQM S4ULs	
MTBE (methyl tert-butyl ether)	mg/kg	49	84	160	7900	13000	24000	CL:AIRE 2010	
Acenaphthene	mg/kg	210	510	1100	84000 (57) ^{sol}	97000 (141) ^{sol}	100000	LQM SAULs	
Acenaphthylene	mg/kg	170	420	920	83000 (86.1) ^{sol}	97000 (212) ^{sol}	100000	LQM S4ULs	
Anthracene	mg/kg	2400	5400	11000	520000	540000	540000	LQM S4ULs	
Benz(a)anthracene	mg/kg	7.2	11	13	170	170	180	LQM S4ULs	
Benzo(a)pyrene	mg/kg	2.2	2.7	3	35	35	36	LQM S4ULs	
Benzo(b)fluoranthene	mg/kg	2.6	3.3	3.7	44	44	45	LQM S4ULs	
Benzo(ghi)perylene	mg/kg	320	340	350	3900	4000	4000	LQM S4ULs	
Benzo(k)fluoranthene	mg/kg	77	93	100	1200	1200	1200	LQM S4ULs	
Chrysene	mg/kg	15	22	27	350	350	350	LQM S4ULs	
Dibenzo(ah)anthracene	mg/kg	0.24	0.28	0.3	3.5	3.6	3.6	LQM S4ULs	
Fluoranthene	mg/kg	280	560	890	23000	23000	23000	LQM S4ULs	
Fluorene	mg/kg	170	400	860	63000 (30.9) ^{sol}	68000	71000	LQM S4ULs	
Indeno(123-cd)pyrene	mg/kg	27	36	41	500	510	510	LQM S4ULs	
Naphthalene	mg/kg	15 ^f	36 ^f	85 ^f	1600 ^f	3700 ^f	8400 ^f	LQM S4ULs	
Phenanthrene	mg/kg	95	220	440	22000	22000	23000	LQM S4ULs	
Pyrene	mg/kg	620	1200	2000	54000	54000	54000	LQM S4ULs	



APPENDIX 9 - Waste Classification Report

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

- understand the origin of the waste
- select the correct List of Waste code(s)
- confirm that the list of determinands, results and sampling plan are fit for purpose
- select and justify the chosen metal species (Appendix B)
- correctly apply moisture correction and other available corrections
- add the meta data for their user-defined substances (Appendix A)
- check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)



NRQ2A-EFEW8-KJCIS

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

Report is invalid if pages are removed.

Job name

EMT-25-16715-Batch-1-202510151544

Description/Comments

Project

West Road

Site

Classified by

Name: **Connor Hastings**
Date: **18 Nov 2025 13:05 GMT**
Telephone:
Company: **Groundtech Consulting Limited**
First Floor, Lloyd House, Orford Court,
Greenfold Way, WN7 3XJ

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

Course
Hazardous Waste Classification

Date

Purpose of classification

2 - Material Characterisation

Address of the waste

37-39 West Road, Tottenham

Post Code N/A

SIC for the process giving rise to the waste

41201 Construction of commercial buildings

Description of industry/producer giving rise to the waste

Redevelopment of the site with an industrial unit

Description of the specific process, sub-process and/or activity that created the waste

Waste created during construction.

Description of the waste

Made Ground and natural Gravel

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS01-04/10/2025-1.000m		Non Hazardous		3
2	WS01-04/10/2025-2.000m		Hazardous	HP 3(i), HP 7, HP 11	8
3	WS02-04/10/2025-0.500m		Non Hazardous		14
4	WS02-04/10/2025-1.500m		Hazardous	HP 3(i), HP 7, HP 11	19
5	WS03-04/10/2025-0.700m		Non Hazardous		25
6	WS03-04/10/2025-2.500m		Non Hazardous		27
7	WS04-04/10/2025-0.600m		Non Hazardous		32

Related documents

#	Name	Description
1	EMT-25-16715-Batch-1-202510151544.HWOL	Element .hwol file used to populate the Job

Report

Created by: Connor Hastings

Created date: 18 Nov 2025 13:05 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	34
Appendix B: Rationale for selection of metal species	37
Appendix C: Version	37

Classification of sample: WS01-04/10/2025-1.000m

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS01-04/10/2025-1.000m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
24.5%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(dry weight correction)	Entry:

Hazard properties

None identified

Determinands

Moisture content: 24.5% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	●	dichlorodifluoromethane			<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
2		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane			<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		603-181-00-X	216-653-1	1634-04-4						
3		chloromethane; methyl chloride			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3						
4		bromomethane; methylbromide			<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9						
5		chloroethane			<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3						
6	●	trichlorofluoromethane			<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4						
7		1,1-dichloroethylene; vinylidene chloride			<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4						
8		dichloromethane; methylene chloride			<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2						
9	●	2,2-dichloropropane			<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7						
10	●	bromochloromethane			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5						
11		chloroform; trichloromethane			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3						
12		1,1,1-trichloroethane; methyl chloroform			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6						
13		1,1-dichloropropene			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6						
14		carbon tetrachloride; tetrachloromethane			<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5						
15		benzene			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		601-020-00-8	200-753-7	71-43-2						
16		trichloroethylene; trichloroethene			7 µg/kg		0.0056 mg/kg	0.000000562 %	✔	
		602-027-00-9	201-167-4	79-01-6						
17		1,2-dichloropropane; propylene dichloride			<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5						

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
18	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-003-00-8	200-824-2	74-95-3								
19	bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-856-7	75-27-4								
20	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]								
21	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
22	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		431-460-4	10061-02-6								
23	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-014-00-8	201-166-9	79-00-5								
24	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-028-00-4	204-825-9	127-18-4								
25	1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		205-531-3	142-28-9								
26	dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		204-704-0	124-48-1								
27	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-010-00-6	203-444-5	106-93-4								
28	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-033-00-1	203-628-5	108-90-7								
29	1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		211-135-1	630-20-6								
30	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
31	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
32	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-007-00-X	200-854-6	75-25-2								
33	cumene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-024-00-X	202-704-5	98-82-8								
34	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-015-00-3	201-197-8	79-34-5								
35	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-060-00-9	203-623-8	108-86-1								
36	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-062-00-X	202-486-1	96-18-4								
37	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-025-00-5	203-604-4	108-67-8								
38	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		202-632-4	98-06-6								
39	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	601-043-00-3	202-436-9	95-63-6								
40	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		205-227-0	135-98-8								
41	1-isopropyl-4-methylbenzene; p-cymene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	601-094-00-1	202-796-7	99-87-6								
42	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-067-00-7	208-792-1	541-73-1								
43	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-035-00-2	203-400-5	106-46-7								
44	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		203-209-7	104-51-8								
45	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-034-00-7	202-425-9	95-50-1								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
46	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
47	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
48	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							
49	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6							
50	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
51	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
52	TPH (C6 to C40) petroleum group				548 mg/kg		440.161 mg/kg	0.044 %	✓	
			TPH							
53	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	203-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
54	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
55	2,4-dichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
57	2,4,5-trichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
58	2,4,6-trichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
60	4-nitrophenol; p-nitrophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
61	pentachlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
62	2-chloronaphthalene				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
63	2-methyl naphthalene				76 µg/kg		0.061 mg/kg	0.0000061 %	✓	
		202-078-3	91-57-6							
64	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
65	BBP; benzyl butyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
66	dibutyl phthalate; DBP				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
67	di-n-octyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
68	diethyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
69	dimethyl phthalate	205-011-6	131-11-3		<100 µg/kg		<0.1 mg/kg	<0.00001 %			<LOD
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
71	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
72	4-bromophenylphenylether	202-952-4	101-55-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
73	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
74	4-chlorophenylphenylether	230-281-7	7005-72-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
75	azobenzene	611-001-00-6	203-102-5	103-33-3	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
76	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
77	bis(2-chloroethyl) ether	603-029-00-2	203-870-1	111-44-4	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
78	carbazole	201-696-0	86-74-8		320 µg/kg		0.257 mg/kg	0.0000257 %	✓		
79	dibenzofuran	205-071-3	132-64-9		134 µg/kg		0.108 mg/kg	0.0000108 %	✓		
80	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
81	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
82	hexachloroethane	200-666-4	67-72-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
83	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0	78-59-1	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
84	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
85	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
86	arsenic { arsenic pentoxide }	033-004-00-6	215-116-9	1303-28-2	16.4 mg/kg	1.534	20.205 mg/kg	0.00202 %	✓		
87	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			0.8 mg/kg		0.643 mg/kg	0.0000643 %	✓		
88	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	247 mg/kg	1.126	223.369 mg/kg	0.0223 %	✓		
89	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			362 mg/kg		290.763 mg/kg	0.0291 %	✓		
90	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6	0.5 mg/kg		0.402 mg/kg	0.0000402 %	✓		
91	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	36.3 mg/kg	5.324	155.239 mg/kg	0.0155 %	✓		
92	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
93	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2	777 mg/kg	1.245	776.821 mg/kg	0.0777 %	✓		
94	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	● pH				8.26 pH		8.26 pH	8.26 pH		
96	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
97	● 1,1-dichloroethane and 1,2-dichloroethane (combined)				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
98	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
99	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<30 µg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
100	● chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				81.3 mg/kg	1.462	95.441 mg/kg	0.00954 %	✓	
		215-160-9	1308-38-9							
Total:								0.2 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
●	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/kg (0.1%) because: No free phase and source of contamination identified in the Made Ground soils.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.044%)

Classification of sample: WS01-04/10/2025-2.000m

 **Hazardous Waste**
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
WS01-04/10/2025-2.000m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
36% (dry weight correction)		

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

cumene (conc.: 1.62e-06%)
tert-butylbenzene (conc.: 3.01e-06%)
sec-butylbenzene (conc.: 0.00001%)
n-butylbenzene (conc.: 9.19e-06%)
TPH (C6 to C40) petroleum group (conc.: 0.185%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.185%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.185%)

Determinands

Moisture content: 36% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	dichlorodifluoromethane	200-893-9	75-71-8		<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
3	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
4	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
5	chloroethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
6	trichlorofluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4							
7	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
8	dichloromethane; methylene chloride				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
9	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
10	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5							
11	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
12	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
13	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
14	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
15	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
16	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
17	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
18	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
19	bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
20	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
21	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
23	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
24	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
25	1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
26	dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
27	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
28	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
29	1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
30	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
31	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
32	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-007-00-X	200-854-6	75-25-2								
33	cumene				22 µg/kg		0.0162 mg/kg	0.00000162 %	✓		
	601-024-00-X	202-704-5	98-82-8								
34	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-015-00-3	201-197-8	79-34-5								
35	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-060-00-9	203-623-8	108-86-1								
36	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-062-00-X	202-486-1	96-18-4								
37	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-025-00-5	203-604-4	108-67-8								
38	tert-butylbenzene				41 µg/kg		0.0301 mg/kg	0.00000301 %	✓		
		202-632-4	98-06-6								
39	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	601-043-00-3	202-436-9	95-63-6								
40	sec-butylbenzene				159 µg/kg		0.117 mg/kg	0.0000117 %	✓		
		205-227-0	135-98-8								
41	1-isopropyl-4-methylbenzene; p-cymene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	601-094-00-1	202-796-7	99-87-6								
42	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-067-00-7	208-792-1	541-73-1								
43	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-035-00-2	203-400-5	106-46-7								
44	n-butylbenzene				125 µg/kg		0.0919 mg/kg	0.00000919 %	✓		
		203-209-7	104-51-8								
45	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-034-00-7	202-425-9	95-50-1								
46	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-021-00-6	202-479-3	96-12-8								
47	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-087-00-6	204-428-0	120-82-1								
48	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		201-765-5	87-68-3								
49	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
		201-757-1	87-61-6								
50	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-023-00-7	200-831-0	75-01-4								
51	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-026-00-0	202-851-5	100-42-5								
52	TPH (C6 to C40) petroleum group				2510 mg/kg		1845.588 mg/kg	0.185 %	✓		
			TPH								
53	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]								
54	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]								
55	2,4-dichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-011-00-7	204-429-6	120-83-2								
56	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]				<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4]								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
		209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
57	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	2-chloronaphthalene 202-079-9	91-58-7			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	2-methyl naphthalene 202-078-3	91-57-6			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
64	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9	204-211-0	117-81-7		<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
65	BBP; benzyl butyl phthalate 607-430-00-3	201-622-7	85-68-7		<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
67	di-n-octyl phthalate 204-214-7	117-84-0			<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
68	diethyl phthalate 201-550-6	84-66-2			<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
69	dimethyl phthalate 205-011-6	131-11-3			<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
70	2,4-dinitrotoluene; [1] dinitrotoluene [2] 609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	2,6-dinitrotoluene 609-049-00-8	210-106-0	606-20-2		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
72	4-bromophenylphenylether 202-952-4	101-55-3			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
73	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
74	4-chlorophenylphenylether 230-281-7	7005-72-3			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
75	azobenzene 611-001-00-6	203-102-5	103-33-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
76	bis(2-chloroethoxy)methane 203-920-2	111-91-1			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
77	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
78	carbazole 201-696-0	86-74-8			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
79	dibenzofuran 205-071-3	132-64-9			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
80	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
81	hexachlorocyclopentadiene 602-078-00-7	201-029-3	77-47-4		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
82	hexachloroethane 200-666-4	67-72-1			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
83	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8	201-126-0	78-59-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
84		nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
85		nitrobenzene 609-003-00-7 202-716-0 98-95-3				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
86	🌿	arsenic { arsenic pentoxide } 033-004-00-6 215-116-9 1303-28-2				12.6	mg/kg	1.534	14.211	mg/kg	0.00142 %	✓	
87	🌿	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5			1	0.8	mg/kg		0.588	mg/kg	0.0000588 %	✓	
88	🌿	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				71	mg/kg	1.126	58.778	mg/kg	0.00588 %	✓	
89	🌿	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	118	mg/kg		86.765	mg/kg	0.00868 %	✓	
90	🌿	mercury { mercury } 080-001-00-0 231-106-7 7439-97-6				0.4	mg/kg		0.294	mg/kg	0.0000294 %	✓	
91	🌿	nickel { nickel diiodide } 028-029-00-4 236-666-6 13462-90-3				27.4	mg/kg	5.324	107.269	mg/kg	0.0107 %	✓	
92	🌿	selenium { nickel selenate } 028-031-00-5 239-125-2 15060-62-5				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
93	🌿	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				480	mg/kg	1.245	439.311	mg/kg	0.0439 %	✓	
94	🌿	chromium in Cr(VI) compounds { chromium(VI) oxide } 024-001-00-0 215-607-8 1333-82-0				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
95	🌿	pH PH				7.8	pH		7.8	pH	7.8 pH		
96		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] 602-026-00-3 208-750-2 [1] 540-59-0 [1] 205-859-7 [2] 156-59-2 [2] 205-860-2 [3] 156-60-5 [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
97	🌿	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5 107-06-2, 75-34-3				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
98		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
99		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3] 612-012-00-9 201-855-4 [1] 88-74-4 [1] 202-729-1 [2] 99-09-2 [2] 202-810-1 [3] 100-01-6 [3]				<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
100	🌿	chromium in Cr(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				57.7	mg/kg	1.462	62.009	mg/kg	0.0062 %	✓	
Total:											0.262 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
•	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/kg (0.1%)
because: No free phase and source of contamination identified in the Made Ground soils.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

cumene (conc.: 1.62e-06%)
tert-butylbenzene (conc.: 3.01e-06%)
sec-butylbenzene (conc.: 0.00001%)
n-butylbenzene (conc.: 9.19e-06%)
TPH (C6 to C40) petroleum group (conc.: 0.185%)

Classification of sample: WS02-04/10/2025-0.500m

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS02-04/10/2025-0.500m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23.3% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 23.3% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	dichlorodifluoromethane	200-893-9	75-71-8		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
3	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	4 µg/kg		0.0032 mg/kg	0.000000324 %	✓	
4	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
5	chloroethane	602-009-00-0	200-830-5	75-00-3	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
6	trichlorofluoromethane	200-892-3	75-69-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
7	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
8	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
9	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
10	bromochloromethane	200-826-3	74-97-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
11	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
12	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
13	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
14	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
16	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
17	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
18	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
19	bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
20	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
21	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
23	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
24	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
25	1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
26	dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
27	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
28	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
29	1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
30	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
31	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
32	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
33	cumene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-024-00-X	202-704-5	98-82-8							
34	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
35	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
36	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
37	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
38	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
39	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
40	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
41	1-isopropyl-4-methylbenzene; p-cymene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-094-00-1	202-796-7	99-87-6							
42	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
43	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
44	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
45	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-034-00-7	202-425-9	95-50-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
46	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
47	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
48	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							
49	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6							
50	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
51	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
52	TPH (C6 to C40) petroleum group				76 mg/kg		61.638 mg/kg	0.00616 %	✓	
			TPH							
53	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
54	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
55	2,4-dichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
57	2,4,5-trichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
58	2,4,6-trichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
60	4-nitrophenol; p-nitrophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
61	pentachlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
62	2-chloronaphthalene				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
63	2-methyl naphthalene				18 µg/kg		0.0146 mg/kg	0.00000146 %	✓	
		202-078-3	91-57-6							
64	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
65	BBP; benzyl butyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
66	dibutyl phthalate; DBP				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
67	di-n-octyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
68	diethyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
69	dimethyl phthalate	205-011-6	131-11-3		<100 µg/kg		<0.1 mg/kg	<0.00001 %			<LOD
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
71	2,6-dinitrotoluene	609-049-00-8	210-106-0		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
72	4-bromophenylphenylether	202-952-4	101-55-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
73	4-chloroaniline	612-137-00-9	203-401-0		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
74	4-chlorophenylphenylether	230-281-7	7005-72-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
75	azobenzene	611-001-00-6	203-102-5		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
76	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
77	bis(2-chloroethyl) ether	603-029-00-2	203-870-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
78	carbazole	201-696-0	86-74-8		33 µg/kg		0.0268 mg/kg	0.00000268 %	✓		
79	dibenzofuran	205-071-3	132-64-9		18 µg/kg		0.0146 mg/kg	0.00000146 %	✓		
80	hexachlorobenzene	602-065-00-6	204-273-9		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
81	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
82	hexachloroethane	200-666-4	67-72-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
83	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
84	nitrosodipropylamine	612-098-00-8	210-698-0		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
85	nitrobenzene	609-003-00-7	202-716-0		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
86	arsenic { arsenic pentoxide }	033-004-00-6	215-116-9		10 mg/kg	1.534	12.44 mg/kg	0.00124 %	✓		
87	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5		1	<0.3 mg/kg		<0.3 mg/kg	<0.000003 %			<LOD
88	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7		114 mg/kg	1.126	104.097 mg/kg	0.0104 %	✓		
89	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6		1	132 mg/kg		107.056 mg/kg	0.0107 %	✓		
90	mercury { mercury }	080-001-00-0	231-106-7		0.5 mg/kg		0.406 mg/kg	0.0000406 %	✓		
91	nickel { nickel diiodide }	028-029-00-4	236-666-6		19.7 mg/kg	5.324	85.068 mg/kg	0.00851 %	✓		
92	selenium { nickel selenate }	028-031-00-5	239-125-2		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
93	zinc { zinc oxide }	030-013-00-7	215-222-5		99 mg/kg	1.245	99.941 mg/kg	0.00999 %	✓		
94	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	pH		PH		7.43 pH		7.43 pH	7.43 pH		
96	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
97	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
98	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
99	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<30 µg/kg		<0.03 mg/kg	<0.000003 %		<LOD
100	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		36.4 mg/kg	1.462	43.147 mg/kg	0.00431 %	✓	
Total:								0.0514 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
•	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/kg (0.1%)
because: No free phase and source of contamination identified in the Made Ground soils.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00616%)

HP 3(iv): Flammable "flammable gaseous waste: gaseous waste which is flammable in air at 20°C and a standard pressure of 101.3 kPa"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 10 mg/kg (0.001%)
because: No gross contamination identified.

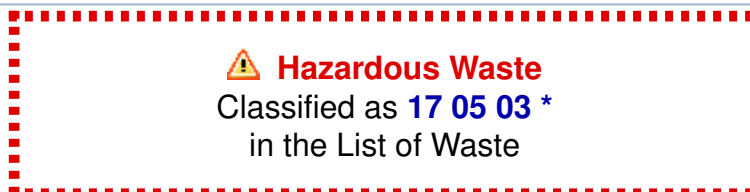
Hazard Statements hit:

Flam. Gas 1; H220 "Extremely flammable gas."

Because of determinand:

chloromethane; methyl chloride (conc.: 3.24e-07%)

Classification of sample: WS02-04/10/2025-1.500m



Sample details

Sample name:	LoW Code:	
WS02-04/10/2025-1.500m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
6.6% (dry weight correction)		

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

cumene (conc.: 3.85e-06%)
tert-butylbenzene (conc.: 4.6e-06%)
sec-butylbenzene (conc.: 0.00004%)
n-butylbenzene (conc.: 0.00003%)
TPH (C6 to C40) petroleum group (conc.: 0.339%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.339%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.339%)

Determinands

Moisture content: 6.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
3	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
4	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-002-00-2	200-813-2	74-83-9								
5	chloroethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-009-00-0	200-830-5	75-00-3								
6	trichlorofluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-892-3	75-69-4								
7	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-025-00-8	200-864-0	75-35-4								
8	dichloromethane; methylene chloride				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-004-00-3	200-838-9	75-09-2								
9	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		209-832-0	594-20-7								
10	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-826-3	74-97-5								
11	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-006-00-4	200-663-8	67-66-3								
12	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-013-00-2	200-756-3	71-55-6								
13	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-031-00-0	209-253-3	563-58-6								
14	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-008-00-5	200-262-8	56-23-5								
15	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
16	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-027-00-9	201-167-4	79-01-6								
17	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-020-00-0	201-152-2	78-87-5								
18	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-003-00-8	200-824-2	74-95-3								
19	bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-856-7	75-27-4								
20	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]								
21	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
22	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		431-460-4	10061-02-6								
23	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-014-00-8	201-166-9	79-00-5								
24	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-028-00-4	204-825-9	127-18-4								
25	1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		205-531-3	142-28-9								
26	dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		204-704-0	124-48-1								
27	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-010-00-6	203-444-5	106-93-4								
28	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-033-00-1	203-628-5	108-90-7								
29	1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		211-135-1	630-20-6								
30	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
31	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
32	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
33	cumene				41 µg/kg		0.0385 mg/kg	0.00000385 %	✓	
	601-024-00-X	202-704-5	98-82-8							
34	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
35	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
36	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
37	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
38	tert-butylbenzene				49 µg/kg		0.046 mg/kg	0.0000046 %	✓	
		202-632-4	98-06-6							
39	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
40	sec-butylbenzene				440 µg/kg		0.413 mg/kg	0.0000413 %	✓	
		205-227-0	135-98-8							
41	1-isopropyl-4-methylbenzene; p-cymene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-094-00-1	202-796-7	99-87-6							
42	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
43	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
44	n-butylbenzene				339 µg/kg		0.318 mg/kg	0.0000318 %	✓	
		203-209-7	104-51-8							
45	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
46	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
47	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
48	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							
49	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6							
50	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
51	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
52	TPH (C6 to C40) petroleum group				3610 mg/kg		3386.492 mg/kg	0.339 %	✓	
			TPH							
53	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
54	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
55	2,4-dichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4]							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
		209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
57	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	2-chloronaphthalene 202-079-9	91-58-7			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	2-methyl naphthalene 202-078-3	91-57-6			1326 µg/kg		1.244 mg/kg	0.000124 %	✓	
64	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9	204-211-0	117-81-7		<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
65	BBP; benzyl butyl phthalate 607-430-00-3	201-622-7	85-68-7		<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
67	di-n-octyl phthalate 204-214-7	117-84-0			<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
68	diethyl phthalate 201-550-6	84-66-2			<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
69	dimethyl phthalate 205-011-6	131-11-3			<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
70	2,4-dinitrotoluene; [1] dinitrotoluene [2] 609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	2,6-dinitrotoluene 609-049-00-8	210-106-0	606-20-2		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
72	4-bromophenylphenylether 202-952-4	101-55-3			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
73	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
74	4-chlorophenylphenylether 230-281-7	7005-72-3			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
75	azobenzene 611-001-00-6	203-102-5	103-33-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
76	bis(2-chloroethoxy)methane 203-920-2	111-91-1			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
77	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
78	carbazole 201-696-0	86-74-8			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
79	dibenzofuran 205-071-3	132-64-9			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
80	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
81	hexachlorocyclopentadiene 602-078-00-7	201-029-3	77-47-4		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
82	hexachloroethane 200-666-4	67-72-1			<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
83	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8	201-126-0	78-59-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value		MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number										
84		nitrosodipropylamine 612-098-00-8 210-698-0 621-64-7				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD	
85		nitrobenzene 609-003-00-7 202-716-0 98-95-3				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD	
86	🌿	arsenic { arsenic pentoxide } 033-004-00-6 215-116-9 1303-28-2				11.9	mg/kg	1.534	17.123	mg/kg	0.00171 %	✓		
87	🌿	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5			1	<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD	
88	🌿	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				11	mg/kg	1.126	11.618	mg/kg	0.00116 %	✓		
89	🌿	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	10	mg/kg		9.381	mg/kg	0.000938 %	✓		
90	🌿	mercury { mercury } 080-001-00-0 231-106-7 7439-97-6				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
91	🌿	nickel { nickel diiodide } 028-029-00-4 236-666-6 13462-90-3				22.8	mg/kg	5.324	113.878	mg/kg	0.0114 %	✓		
92	🌿	selenium { nickel selenate } 028-031-00-5 239-125-2 15060-62-5				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD	
93	🌿	zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2				29	mg/kg	1.245	33.862	mg/kg	0.00339 %	✓		
94	🌿	chromium in Cr(VI) compounds { chromium(VI) oxide } 024-001-00-0 215-607-8 1333-82-0				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD	
95	🌿	pH PH				7.36	pH		7.36	pH	7.36 pH			
96		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] 602-026-00-3 208-750-2 [1] 540-59-0 [1] 205-859-7 [2] 156-59-2 [2] 205-860-2 [3] 156-60-5 [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD	
97	🌿	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5 107-06-2, 75-34-3				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD	
98		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD	
99		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3] 612-012-00-9 201-855-4 [1] 88-74-4 [1] 202-729-1 [2] 99-09-2 [2] 202-810-1 [3] 100-01-6 [3]				<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD	
100	🌿	chromium in Cr(III) compounds { chromium(III) oxide (worst case) } 215-160-9 1308-38-9				90	mg/kg	1.462	123.396	mg/kg	0.0123 %	✓		
Total:											0.37 %			

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/kg (0.1%)
because: No free phase and source of contamination identified in the Made Ground soils.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

cumene (conc.: 3.85e-06%)

tert-butylbenzene (conc.: 4.6e-06%)

sec-butylbenzene (conc.: 0.00004%)

n-butylbenzene (conc.: 0.00003%)

TPH (C6 to C40) petroleum group (conc.: 0.339%)

Classification of sample: WS03-04/10/2025-0.700m

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS03-04/10/2025-0.700m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
16.8%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16.8% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic pentoxide }				17.6 mg/kg	1.534	23.113 mg/kg	0.00231 %	✓	
	033-004-00-6	215-116-9	1303-28-2							
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	048-001-00-5									
3	copper { dicopper oxide; copper (I) oxide }				51 mg/kg	1.126	49.161 mg/kg	0.00492 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
4	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	232 mg/kg		198.63 mg/kg	0.0199 %	✓	
	082-001-00-6									
5	mercury { mercury }				0.8 mg/kg		0.685 mg/kg	0.0000685 %	✓	
	080-001-00-0	231-106-7	7439-97-6							
6	nickel { nickel diiodide }				14.5 mg/kg	5.324	66.098 mg/kg	0.00661 %	✓	
	028-029-00-4	236-666-6	13462-90-3							
7	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
8	zinc { zinc oxide }				94 mg/kg	1.245	100.174 mg/kg	0.01 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
9	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
10	pH		pH		8.22 pH		8.22 pH	8.22 pH		
11	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				23.3 mg/kg	1.462	29.156 mg/kg	0.00292 %	✓	
		215-160-9	1308-38-9							
Total:								0.0467 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS03-04/10/2025-2.500m

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS03-04/10/2025-2.500m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
25.6%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 25.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	●	dichlorodifluoromethane			<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
2		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane			<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		603-181-00-X	216-653-1	1634-04-4						
3		chloromethane; methyl chloride			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3						
4		bromomethane; methylbromide			<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9						
5		chloroethane			<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3						
6	●	trichlorofluoromethane			<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4						
7		1,1-dichloroethylene; vinylidene chloride			<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4						
8		dichloromethane; methylene chloride			<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2						
9	●	2,2-dichloropropane			<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7						
10	●	bromochloromethane			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5						
11		chloroform; trichloromethane			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3						
12		1,1,1-trichloroethane; methyl chloroform			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6						
13		1,1-dichloropropene			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6						
14		carbon tetrachloride; tetrachloromethane			<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5						
15		benzene			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		601-020-00-8	200-753-7	71-43-2						
16		trichloroethylene; trichloroethene			<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6						
17		1,2-dichloropropane; propylene dichloride			<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5						

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
18	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-003-00-8	200-824-2	74-95-3								
19	bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-856-7	75-27-4								
20	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]								
21	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
22	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		431-460-4	10061-02-6								
23	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-014-00-8	201-166-9	79-00-5								
24	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-028-00-4	204-825-9	127-18-4								
25	1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		205-531-3	142-28-9								
26	dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		204-704-0	124-48-1								
27	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-010-00-6	203-444-5	106-93-4								
28	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-033-00-1	203-628-5	108-90-7								
29	1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		211-135-1	630-20-6								
30	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
31	xylene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
32	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-007-00-X	200-854-6	75-25-2								
33	cumene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-024-00-X	202-704-5	98-82-8								
34	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-015-00-3	201-197-8	79-34-5								
35	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-060-00-9	203-623-8	108-86-1								
36	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-062-00-X	202-486-1	96-18-4								
37	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-025-00-5	203-604-4	108-67-8								
38	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		202-632-4	98-06-6								
39	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	601-043-00-3	202-436-9	95-63-6								
40	sec-butylbenzene				10 µg/kg		0.0079 mg/kg	0.000000796 %		✓	
		205-227-0	135-98-8								
41	1-isopropyl-4-methylbenzene; p-cymene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	601-094-00-1	202-796-7	99-87-6								
42	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-067-00-7	208-792-1	541-73-1								
43	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-035-00-2	203-400-5	106-46-7								
44	n-butylbenzene				15 µg/kg		0.0119 mg/kg	0.00000119 %		✓	
		203-209-7	104-51-8								
45	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-034-00-7	202-425-9	95-50-1								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
46	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
47	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
48	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							
49	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6							
50	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
51	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
52	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
53	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	203-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
54	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
55	2,4-dichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
56	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
57	2,4,5-trichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
58	2,4,6-trichlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
59	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
60	4-nitrophenol; p-nitrophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
61	pentachlorophenol				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
62	2-chloronaphthalene				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
63	2-methyl naphthalene				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
64	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
65	BBP; benzyl butyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
66	dibutyl phthalate; DBP				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
67	di-n-octyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
68	diethyl phthalate				<100 µg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
69	dimethyl phthalate	205-011-6	131-11-3		<100 µg/kg		<0.1 mg/kg	<0.00001 %			<LOD
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
71	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
72	4-bromophenylphenylether	202-952-4	101-55-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
73	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
74	4-chlorophenylphenylether	230-281-7	7005-72-3		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
75	azobenzene	611-001-00-6	203-102-5	103-33-3	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
76	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
77	bis(2-chloroethyl) ether	603-029-00-2	203-870-1	111-44-4	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
78	carbazole	201-696-0	86-74-8		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
79	dibenzofuran	205-071-3	132-64-9		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
80	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
81	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
82	hexachloroethane	200-666-4	67-72-1		<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
83	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0	78-59-1	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
84	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
85	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
86	arsenic { arsenic pentoxide }	033-004-00-6	215-116-9	1303-28-2	5.9 mg/kg	1.534	7.205 mg/kg	0.000721 %	✓		
87	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
88	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	17 mg/kg	1.126	15.239 mg/kg	0.00152 %	✓		
89	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			11 mg/kg		8.758 mg/kg	0.000876 %	✓		
90	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
91	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	29.7 mg/kg	5.324	125.901 mg/kg	0.0126 %	✓		
92	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
93	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2	63 mg/kg	1.245	62.434 mg/kg	0.00624 %	✓		
94	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
95	● pH				9.15 pH		9.15 pH	9.15 pH		
96	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
97	● 1,1-dichloroethane and 1,2-dichloroethane (combined)				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
98	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
99	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<30 µg/kg		<0.03 mg/kg	<0.0000003 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
100	● chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				35.1 mg/kg	1.462	40.844 mg/kg	0.00408 %	✓	
		215-160-9	1308-38-9							
Total:								0.026 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
●	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 1000 mg/kg (0.1%) because: No free phase and source of contamination identified in the Made Ground soils.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

sec-butylbenzene (conc.: 7.96e-07%)

n-butylbenzene (conc.: 1.19e-06%)

Classification of sample: WS04-04/10/2025-0.600m

✔ **Non Hazardous Waste**
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
WS04-04/10/2025-0.600m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic pentoxide }				9.5 mg/kg	1.534	12.455 mg/kg	0.00125 %	✓		
	033-004-00-6	215-116-9	1303-28-2								
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	048-001-00-5										
3	copper { dicopper oxide; copper (I) oxide }				60 mg/kg	1.126	57.738 mg/kg	0.00577 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
4	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	153 mg/kg		130.769 mg/kg	0.0131 %	✓		
	082-001-00-6										
5	mercury { mercury }				0.6 mg/kg		0.513 mg/kg	0.0000513 %	✓		
	080-001-00-0	231-106-7	7439-97-6								
6	nickel { nickel diiodide }				16.4 mg/kg	5.324	74.631 mg/kg	0.00746 %	✓		
	028-029-00-4	236-666-6	13462-90-3								
7	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
8	zinc { zinc oxide }				104 mg/kg	1.245	110.641 mg/kg	0.0111 %	✓		
	030-013-00-7	215-222-5	1314-13-2								
9	chromium in Cr(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
10	pH				7.94 pH		7.94 pH	7.94 pH			
11	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				56.7 mg/kg	1.462	70.829 mg/kg	0.00708 %	✓		
		215-160-9	1308-38-9								
Total:									0.0458 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

■ **dichlorodifluoromethane** (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 3; H412 , Ozone 1; H420 , Press. Gas; H280

■ **trichlorofluoromethane** (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312 , Ozone 1; H420

■ **2,2-dichloropropane** (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Acute Tox. 4; H312 , Eye Irrit. 2; H319

■ **bromochloromethane** (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312 , Skin Corr. 1B; H314 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Ozone 1; H420

■ **bromodichloromethane** (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 1A; H360

■ **trans-1,3-dichloropropene** (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3; H226 , Acute Tox. 3; H301 , Asp. Tox. 1; H304 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , Aquatic Chronic 1; H410

■ **1,3-dichloropropane** (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335

■ **dibromochloromethane** (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT SE 3; H336 , Muta. 2; H341 , Aquatic Chronic 2; H411

■ **1,1,1,2-tetrachloroethane** (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Eye Dam. 1; H318 , Acute Tox. 4; H332 , Carc. 2; H351 , Acute Tox. 4; H312 , Aquatic Chronic 3; H412 , Skin Irrit. 2; H315

■ **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

GB MCL index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

▪ **tert-butylbenzene** (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , STOT SE 3; H335 , Asp. Tox. 1; H304 , Aquatic Chronic 2; H411

▪ **sec-butylbenzene** (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Chronic 2; H411

▪ **n-butylbenzene** (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **hexachlorobutadiene** (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 2; H310 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Irrit. 2; H319 , Acute Tox. 2; H330 , Carc. 2; H351 , Repr. 2; H361 , STOT SE 2; H371 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **1,2,3-trichlorobenzene** (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , STOT SE 3; H336 , Aquatic Acute 1; H400 , Aquatic Chronic 3; H410

▪ **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Unknown Oil

Hazard statements taken from WM3 1st Edition 2015

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

▪ **2-chloronaphthalene** (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

▪ **2-methyl naphthalene** (EC Number: 202-078-3, CAS Number: 91-57-6)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , STOT SE 3; H336 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **di-n-octyl phthalate** (EC Number: 204-214-7, CAS Number: 117-84-0)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Repr. 2; H361 , Skin Sens. 1; H317 , Resp. Sens. 1; H334 , Eye Irrit. 2; H319 , Aquatic Chronic 4; H413

▪ **diethyl phthalate** (EC Number: 201-550-6, CAS Number: 84-66-2)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2; H315 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , STOT SE 3; H335 , STOT RE 2; H373 , Repr. 2; H361 , Acute Tox. 4; H302 , STOT SE 3; H336 , Skin Sens. 1; H317 , Aquatic Chronic 1; H410

• **dimethyl phthalate** (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, Acute Tox. 3; H331, STOT SE 3; H335, STOT SE 3; H336, Repr. 2; H361, Aquatic Chronic 3; H412

• **4-bromophenylphenylether** (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Dam. 1; H318, Eye Irrit. 2; H319, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

• **4-chlorophenylphenylether** (EC Number: 230-281-7, CAS Number: 7005-72-3)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Dam. 1; H318, Eye Irrit. 2; H319, STOT SE 3; H335, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

• **bis(2-chloroethoxy)methane** (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 3; H301, Acute Tox. 4; H312, Acute Tox. 1; H330, Acute Tox. 2; H330, STOT SE 1; H370, STOT RE 2; H373

• **carbazole** (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Muta. 2; H341, Carc. 2; H351, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Acute Tox. 3; H331, Acute Tox. 3; H311, Acute Tox. 3; H301

• **dibenzofuran** (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from C&L Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 4; H312, Acute Tox. 4; H332, Aquatic Chronic 2; H411

• **hexachloroethane** (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, STOT RE 2; H373

• **cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex**

GB MCL index number: 048-001-00-5

Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans

Additional Hazard Statement(s): Carc. 1A; H350

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

• **lead compounds with the exception of those specified elsewhere in this Annex (worst case)**

GB MCL index number: 082-001-00-6

Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A

Additional Hazard Statement(s): Carc. 1A; H350

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

▪ **pH (CAS Number: PH)**

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

▪ **1,1-dichloroethane and 1,2-dichloroethane (combined)** (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 1B; H350 , Aquatic Chronic 3; H412

▪ **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

Appendix B: Rationale for selection of metal species

arsenic {arsenic pentoxide}

Worst case

cadmium {cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex}

Cadmium results not speciated.

copper {dicopper oxide; copper (I) oxide}

Copper results not speciated.

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Lead results not speciated.

mercury {mercury}

Worst case

nickel {nickel diiodide}

Worst case

selenium {nickel selenate}

Worst case

zinc {zinc oxide}

Zinc results not speciated.

chromium in Cr(VI) compounds {chromium(VI) oxide}

Chromium(VI) compounds not speciated.

chromium in Cr(III) compounds {chromium(III) oxide (worst case)}

Chromium (III) compounds not speciated.

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2025.322.6869.12419 (18 Nov 2025)
HazWasteOnline Database: 2025.321.6868.12417 (17 Nov 2025)

This classification utilises the following guidance and legislation:

WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021

CLP Regulation - Regulation 1272/2008/EC of 16 December 2008

1st ATP - Regulation 790/2009/EC of 10 August 2009

2nd ATP - Regulation 286/2011/EC of 10 March 2011

3rd ATP - Regulation 618/2012/EU of 10 July 2012

4th ATP - Regulation 487/2013/EU of 8 May 2013

Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013

5th ATP - Regulation 944/2013/EU of 2 October 2013

6th ATP - Regulation 605/2014/EU of 5 June 2014

WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014

Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014

7th ATP - Regulation 2015/1221/EU of 24 July 2015

8th ATP - Regulation (EU) 2016/918 of 19 May 2016

9th ATP - Regulation (EU) 2016/1179 of 19 July 2016

10th ATP - Regulation (EU) 2017/776 of 4 May 2017

HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017

13th ATP - Regulation (EU) 2018/1480 of 4 October 2018

14th ATP - Regulation (EU) 2020/217 of 4 October 2019

15th ATP - Regulation (EU) 2020/1182 of 19 May 2020

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK:

2020 No. 1540 of 16th December 2020

GB MCL List - version 1.1 of 09 June 2021

GB MCL List v2.0 - version 2.0 of 20th October 2023

GB MCL List v3.0 - version 3.0 of 11th January 2024

GB MCL List v4.0 - version 4.0 of 2nd March 2024

GB MCL List v5.0 - version 5.0 of 26th June 2024

GB MCL List v6.0 - version 6.0 of 15th February 2025

GB MCL List v7.0 - version 7.0 of 23rd September 2025



APPENDIX 10 - Contaminated Land Legislative Background

Legislative Background

Environmental liabilities and risks have been evaluated in terms of a source -pathway - target relationship in accordance with the approach set out in:

- The 1995 Environment Act;
- The Contaminated Land (England) Regulations 2000;
- The DETR circular 02/2000 Environmental Protection Act 1990: Part IIA Contaminated Land.

Contaminated land is defined within the legislative framework as land which is in such condition by reason of substances in, on or under the land that:

- 1) Significant harm is being caused or there is a significant possibility of such harm being caused;
- 2) Significant pollution of controlled waters is being or is likely to be caused.

The potential for harm is based on the presence of three factors:

- **Source** - substances that are potential contaminants or pollutants that may cause harm;
- **Pathway** - a potential route by which contaminants can move from the source to the receptor;
- **Receptor** - a receptor that may be harmed, for example the water environment, humans and water.

Where a source, pathway and target are all present a pollutant linkage exists and there is potential for harm to be caused. The presence of a source does not automatically imply that a contamination problem exists, since contamination must be defined in terms of pollutant linkages and unacceptable risk of harm. The nature and importance of both pathways and receptors are site specific and will vary according to the intended end use of the site, its characteristics and its surroundings.

The key principle which supports the SPR approach is 'suitable for use' criteria. This requires remedial action only where contamination is considered to pose unacceptable actual or potential risks to health or the environment and, taking into account the proposed use of the site.

Relevant Guidance Documents

This report has been prepared in accordance with the list of guidance below however the list is not exhaustive:

- LCRM – Model Procedures;
- Contamination and Environmental Matters - Their implications for Property Professionals (2nd Edition RICS Nov 2003);
- Brownfields – Managing the development of previously developed land – A client's guide, CIRIA 2002;
- DEFRA and Environment Agency publications CLR7 – 10, supported by the TOX guides and SGV guides, dated March 2002;
- DETR Circular 02/2000, Contaminated Land: Implementation of Part IIA of the Environmental Protection Act 1990;
- Environment Agency technical advice to third parties on Pollution of Controlled Waters for Part IIA of the EPA1990, May 2002;

Relevant Legislative Documents

The following is a non-exhaustive list of legislative framework documents that has been considered in the production of this report:

- The Environment Act (1995);
- The Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance (2012);
- The Environment Protection Act (1990);
- The Contaminated Land (England) Act (2000);
- Contaminated Land (England) Regulations (2012);
- The Water Resources Act (1991);
- The Pollution Prevention and Control (England and Wales) Regulations (2000);
- The Landfill Regulations (England and Wales) Regulations (2002);
- The Landfill (England and Wales) (Amendment) Regulations (2004);
- Health and Safety at Work Act;



APPENDIX 11 - Limitations

Limitations

This report (Report) forms part of the Services and if applicable Additional Services undertaken by Groundtech Consulting Ltd pursuant to a written contract (Agreement) which contains detailed provisions including express limitations of the liability of Groundtech Consulting Ltd.

This Report was prepared using reasonable skill and care as stated in the Agreement for the purpose including intended end use stated by the Client (Purpose) and the liability of Groundtech Consulting Ltd in respect of the form and content of this Report is no greater than its liability under the Agreement. All records, measurements notes, or any other data (Data) obtained by or for the benefit of the Consultant were obtained at a specific point in time and it may not be assumed by the Client or any person relying on this Report that the Data will remain unaffected by the passage of time, the seasons, weather conditions, changes in the water table or the carrying out and completion of works at the Site.

Unless otherwise agreed this Report has been prepared exclusively for the use and reliance of the Client and may not be relied upon, by any other party except as provided for in the Agreement. A third party who relies on this Report, does so at their own and sole risk and Groundtech Consulting Ltd has no liability to such parties.

Groundtech Consulting Ltd that this Report is to be used for the Purpose. The Purpose was instrumental in determining the scope and of the Services provided. If the Purpose should change, the Client may not be able to rely on the Report without the separate agreement of Groundtech Consulting Ltd.

Since the Report was written, later changes in legislation, statutory requirements and industry best practices have not been considered and this should be allowed for. Ground conditions can also change (see below) and should be investigated if there is any significant delay in acting on the findings of this Report. The period of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the Report inaccurate or unreliable. The information and conclusions in this Report should not be relied upon in the future without written confirmation from Groundtech Consulting Ltd that it is safe to do so.

The observations and conclusions outlined in this Report are based exclusively on the services that were provided as set out in the agreement between the client and Groundtech Consulting Ltd.

Groundtech Consulting Ltd is not liable for the existence of any condition, the discovery of which would require additional investigation outside the agreed scope of works or core competency. The Report is based upon Groundtech Consulting Ltd's observations of existing physical conditions at the Site gained from site reconnaissance together with interpretation of information including documentation, obtained from third parties and from the Client on the history and usage of the Site. The findings and recommendations contained in this Report are based in part upon information provided by third parties, and Groundtech Consulting Ltd have relied upon such information assuming it to be correct.

Groundtech Consulting Ltd accepts no responsibility for errors or inaccuracies in third party information presented in this Report. Groundtech Consulting Ltd was not authorised to independently verify the accuracy or completeness of information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the Services or Additional Services. Groundtech Consulting Ltd is not liable for any inaccurate information, misrepresentation of data or conclusions, which may inform the scope of investigation undertaken by Groundtech Consulting Ltd and forms the contract with the client.



Where field investigations have been carried out these have been restricted to a level of detail required to achieve the stated objectives of the work. Ground conditions may also vary due to the ground's heterogeneous properties and because investigation exploratory locations only allow examination of the ground at discrete locations. The potential exists for ground conditions to be encountered which are different to those considered in this Report, particularly between exploratory holes. The extent of the limited area depends on the soil and groundwater conditions, together with other constraints such as the position of any existing structures and underground utilities. If so stipulated in the Agreement, geo-environmental testing was carried out for a limited number of parameters based on an understanding of the available operational and historical information, and it should not be inferred that other chemical species are not present.

Any groundwater conditions entered on the exploratory hole records are those observed at the time of investigation. The groundwater level often has not had time to reach equilibrium and a monitoring period is required. Furthermore, groundwater levels are subject to seasonal variation or changes in local drainage conditions and groundwater levels may occur at other times of the year which are higher than were recorded during this investigation.

Any site drawings provided in this Report are preliminary and used to present the general relative locations of features on, and surrounding, the Site.

