

VALIDATION COMPLETION REPORT

Tank Removal and Validation

Moorgate Point, Knowsley

February 2026



CIVIL | STRUCTURAL | GEOTECHNICAL & ENVIRONMENTAL | TRAFFIC AND TRANSPORT

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Land off Moorgate Point Knowsley Liverpool L33 7XW

Verification Completion Report - Tank Removal and Validation

This report was produced by HSP Consulting Engineers Ltd for Indurent Management Limited as the Verification Completion Report for the removal of two above ground storage tanks, one for diesel and one for AdBlue at Moorgate Point, Knowsley.

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Issue & Revision History

Revision	Status	Originated	Checked	Approved	Date
-	FINAL	T. Gilbraith BSc (Hons), FGS	K. Murray BSc (Hons), MSc FGS, MIMMM	H.Pratt B.Eng (Hons), C.Eng, F.Cons.E, M.I.C.E, MI Mgt.	27.02.2026
Document Reference: HSP2026-C4884-G-TR-3917				Project Number: C4884	

This document is available in hard copy, please contact the author to obtain a copy.

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1. Introduction

1.1 Background

The development plan shows two commercial units with loading docks, associated car parking, limited landscaping and attenuation features.

An initial ground investigation was conducted across the site in August 2025. At that time, the west of the site was occupied by a Municipal Waste Depot which included two Above Ground Storage Tanks (Diesel and AdBlue). The ASTs were still in use up to December 2025 when the site was vacated. Decommissioning of the ASTs was completed in January 2026 and HSP Engineering Consulting Ltd provided a watching brief during removal of the ASTs and validation of the underlying and surrounding soils once removal of the ASTs were complete.

The east of the site remained unchanged.

1.2 Client Brief & Scope

HSP Consulting Engineers Ltd were commissioned by Indurent Management Limited to conduct a watching brief during the ASTs removal and undertake validation testing within the underlying and surrounding soils to support a verification report.

The report presents the following information:

- a summary of the previous Geo-environmental Reports,
- details of the ASTs decommissioning,
- details of the validation sampling within underlying soils and assessment of laboratory testing results,
- details relating to the application of remediation, if necessary.

The Verification Completion Report has been prepared with reference to guidance provided by Merseyside Environmental Advisory Service (MEAS) who are acting on behalf of Knowsley Council as part of the planning process.

1.3 Limitations

The recommendations made in this report are based on the geochemical results from soil samples and observations during the watching brief as well as published information, information provided by the Client and the 2025 ground investigation (see Section 1.4 below) undertaken by HSP Consulting Engineers Ltd.

1.4 Previous Reports

A desk study and ground investigation report has been produced by HSP Consulting Engineers Ltd for the site. The details of these reports can be found below:

- HSP Consulting Engineers Ltd, Land off Moorgate Point, Knowsley, Phase I Geo-Environmental Desk Study Report, August 2025, Ref: HSP2025-C4884-G-GPI-3433 (Ref 1.)
- HSP Consulting Engineers Ltd, Land off Moorgate Point, Knowsley, Phase II Geo-Environmental Assessment, February 2026, Ref: HSP2025-C4884-G-GPII-3650-B (Ref 2.)

2. Review of Existing Information

2.1 Summary of Ground Conditions

2.1.1 Site History

The site was undeveloped from earliest mapping until the early 1960's when land in the west forms part of the Engineering Works located adjacent and to the west of the site. The west of the site has been a municipal waste depot since approximately 2011 and contained two Above Ground Storage Tanks (ASTs) with fuel pumps and interceptor, depot building, wash station with interceptor, storage containers and hardstanding for lorry and car parking. During December 2025 the site was vacated and all storage containers and vehicles were removed. The ASTs, depot building, wash station, interceptors and all hardstanding remained on site.

The land in the east has not been developed, being shown as a sports ground from 1978. In recent years the site is shown as heavily vegetated.

Potential sources of contamination remained from the existing ASTs and associated fuel pumps and interceptor.

2.1.2 Geology & Ground Conditions

Published Geology

Based on BGS mapping, Made Ground (undivided) is mapped across the entirety of the site and is defined as an artificial deposit, described by the BGS as 'an area where the pre-existing (natural or artificial) land surface is raised by artificial deposits'.

BGS mapping indicates the site to be underlain by Devensian Till – Diamicton.

BGS bedrock mapping indicates the site to be underlain by bedrock deposits of the Chester Formation – Sandstone of the early Triassic Period. BGS describes these deposits as 'comprises conglomerates and reddish brown, cross-bedded, pebbly sandstones with subordinate beds of red-brown mudstone'.

Encountered Ground Conditions during the Ground Investigation

The exploratory holes generally recorded the following geological succession-

Made Ground

Shallow Made Ground was encountered within all of the exploratory holes to a maximum depth of 0.60m begl. In the west of the site (Municipal Waste Depot) the Made Ground generally comprised hardstanding, overlying dark grey becoming light grey slightly clayey gravelly fine to coarse sand, with gravel of mudstone, concrete and brick which is considered to be a sub base. In the east of the site (vacant land) the Made Ground comprised slightly sandy slightly gravelly silt with gravels of concrete, quartzite and brick, this is considered to be a topsoil containing anthropogenic gravels and cobbles.

Superficial Deposits

Superficial Devensian Till Deposits were encountered in all exploratory holes and proved to a maximum depth of 3.00m begl. The superficial deposits generally consisted of firm to stiff reddish brown sandy gravelly clay.

Bedrock Deposits

Bedrock deposits of the Chester Formation were recorded beneath the superficial deposits in the deeper cable percussive boreholes. The deposits were encountered from 1.10m begl at their shallowest depth, and the base of the unit was not proven. The bedrock geology comprised medium dense to very dense reddish brown clayey sand.

Visual and Olfactory Evidence of Contamination

No significant visual or olfactory evidence of contamination was noted.

Groundwater

Groundwater was not encountered in any of the exploratory holes. Post ground water level monitoring has recorded levels between 0.50m and 2.62m begl and is likely to be associated with perched groundwater within the superficial deposits.

2.1.3 Contamination Summary

Chemical analysis for a range of likely contaminants was undertaken on fifteen (15No.) samples in the initial 2025 HSP Phase II Ground Investigation and a further seven (7No.) as part of the Supplementary 2026 Ground Investigation. Results of which are all detailed in Report Ref: HSP2025-C4884-G-GPII-3650-B (Ref 2) to provide a basis for characterising soils to outline the potential impacts on human health and any environmental receptors from any contamination found. The 2026 Phase II report should be read in conjunction with this report.

The analysis results were screened against the GAC (C4SLs, LQM GACs and SGVs) for a commercial end use, with GAC exceedances not recorded in any samples.

In addition, nineteen (19No.) soil samples were submitted for asbestos screen and identification. Asbestos was not found in any samples.

2.1.4 Existing Fuel Tank

An above-ground, metal diesel tank (approx. 3.4mW x 13.5mL x 2.0mH) was located on the existing concrete slab with two fuel pumps located at the southwestern end of the diesel tank.

To the rear of the diesel tank, a blue, plastic AdBlue tank (approx. 1.0mW x 1.5mL x 1.5mH) was located on concrete paving slabs.

A below-ground interceptor tank is understood to be present to the front of the diesel tank, with a metal grate in the concrete adjacent to the fuel pumps.

3. Tank Removal & Sampling

3.1 Removal of Above Ground Tanks

3.1.1 Watching Brief

HSP Consulting Engineers Ltd completed a watching brief during the decommissioning and removal of two ASTs (diesel and AdBlue), including fuel pumps at the site on 21st January 2026. It is understood that the tank was disconnected from its electrical input, and the AdBlue tank was drained, on 20th January 2026.

A log detailing the timings of events is provided below in Table 3.1.1. Photos of the decommissioning and removal off site are included in Appendix V.

Table 3.1.1 – Summary of Events

Time	Event Summary	Comments
07:30	HSP engineer arrives on site.	-
09:37	Tanker arrives on site to drain the remaining diesel from the AST tank.	LCM Environmental Services Ltd (LCM) are the contractor to carry out the tank drain.
09:47	Two flatbed lorries (one crane mounted) arrive on site.	Wood Logistics and Lifting Ltd to carry out ASTs removal.
10:24	LCM operatives begin to open the hatch on the roof of the tank.	Operatives arrive in support vehicle.
10:42	Pumping of the remaining diesel commences, from the tank into the LCM tanker.	It is understood between 5,000 – 10,000 litres of diesel remained in the tank of a maximum capacity of 24,000 litres.
10:44	Crane mounted lorry arrives and sets up to lift and remove the AdBlue tank.	Contractor unknown.
11:00	AdBlue tank removal complete and lorry leaves site.	-
11:20	The diesel drain completed from the AST and LCM tanker and support vehicle leave site.	-
12:24	Second crane mounted lorry arrives for tank removal.	Also from Wood Logistics and Lifting Ltd.
13:00	Tank lift commences.	-
13:15	Tank placed on lorry flatbed.	-
13:26	Cranes detach from tank and all three lorries leave site.	-

3.1.2 Inspection of Underlying Slab

Following the removal of both the diesel and AdBlue tanks, a visual and olfactory inspection was undertaken of the surface underlying each of the tanks.

A concrete slab was underlying the diesel fuel tank. The concrete was in good condition with no cracking or fragmentation observed. Silt and dirt had collected on the surface of the concrete. No visual or olfactory signs of contamination (e.g. staining, hydrocarbon odour) were observed.

Concrete paving slabs were underlying the AdBlue tank. No visual or olfactory signs of contamination were observed.

A small area of soft ground was located between the concrete slab that housed the diesel AST and the paving slabs that housed the AdBlue Tank. Silt and dirt were noted in this area but no visual or olfactory evidence of hydrocarbon staining was observed on the surface at this location (see photo 6 in Appendix V).

A below ground interceptor remains present to the immediate south of the diesel AST, and a drainage tank remains in the centre of the wash station (of which the metalwork was removed during the ground investigation). Standing water was observed through both drainage grates. It is understood that both tanks were pumped regularly during service, however it is unknown whether the vacating tenants had arranged for pumping following vacancy.

3.2 Slab Breakout and Soil Sampling

3.2.1 Slab Breakout

The HSP engineer returned to site on 22nd January 2026 with a subcontracted excavator and operator. The excavator utilised a breaker attachment to break up the existing concrete slab underlying the former diesel AST, to expose the underlying soils. The paving slabs under the former AdBlue tank were moved to expose the underlying soils.

3.2.2 Ground Conditions

Within the footprint of the former diesel tank, a machine excavated trial pit (TP201) was dug (approx. 3.5mW x 13.5mL x 0.95mD). The downward succession was logged and comprised from surface, concrete with frequent rebar to 0.33m begl, underlain by Made Ground comprising dark brown to black very sandy gravel of brick, concrete and macadam, with moderate cobble content of brick and concrete, underlain by Devensian Till comprising light brown to reddish brown sandy gravelly clay.

Within the location of the former AdBlue tank, sub base soils were sampled using hand tools (TP201a) due to the close proximity to the existing interceptor. The downward succession was logged and comprised concrete paving slabs underlain by Made Ground comprising black mottled brown gravelly sand. The hand dug pit was terminated on macadam recorded at 0.15m begl.

Logs are included in Appendix III.

3.2.3 Soil Sampling

Validation soil sampling was completed with twelve (12 No.) soil samples taken from the excavation (TP201) within both Made Ground and Devensian Till deposits. The location of the sampling points within the excavation are detailed on the Ground Investigation Layout Plan in Appendix II and comprised at each sampling location a sample from the Made Ground and a sample from the underlying Devensian Till.

A further one (1No.) sample was taken within the Made Ground underlying the former AdBlue tank (TP201a).

All the soil samples were stored in cooled containers and delivered to a UKAS accredited laboratory for speciated total petroleum hydrocarbons (TPH CWG) suite. Three (3No.) soil samples (1No. Made Ground, 1No Devensian Till and 1No. from Made Ground beneath the former AdBlue Tank) were also tested for HSP Standard Soil Suite which included the following suite of testing. The results of the laboratory analysis can be found within Appendix IV.

Table 3.2.3a – Chemical Analysis – Above Ground Fuel Tank Validation

Exploratory Hole Location & Depth (m)	Sample Description	Exploratory Hole Location & Depth (m)	Sample Description
TP201a: 0.05	MADE GROUND ^{1,3,4}	TP201d: 0.35	MADE GROUND ^{1,3,4,6}
TP201b: 0.35	MADE GROUND ⁷	TP201b: 0.70	CLAY ⁷
TP201c: 0.35	MADE GROUND ⁷	TP201c: 0.65	CLAY ⁷
TP201e: 0.35	MADE GROUND ⁷	TP201d: 0.70	CLAY ⁷
TP201f: 0.35	MADE GROUND ⁷	TP201e: 0.60	CLAY ⁷
TP201f:0.70	CLAY ^{1,3,6}	TP201g: 0.90	CLAY ⁷
TP201g: 0.70	CLAY ⁷		

¹HSP Standard Soil Suite ³Organic Matter ⁴Asbestos Screen ⁶Full 10:1 WAC ⁷TPH CWG

Table 3.2.3b – HSP Standard Chemical Analysis Soil Suite

Metals	Cadmium	Chromium (III & VI)	Copper
	Lead	Mercury	Nickel
	Zinc	Vanadium	
Semi Metals and Non-metals	Arsenic	Boron	Antimony
	Selenium		
Others	pH	Organic Matter	Loss on Ignition
Inorganic Chemicals	Cyanide	Total and Soluble Sulphate	Total Sulphur
	Sulphide		
Organic Chemicals	PAH (US EPA 16)	TPH (CWG)	Phenol

Two (2No.) samples from the excavation (TP201), one from the Made Ground and one from the Devensian Till were also tested for 10:1 WAC leachate test. The results and assessment are provided within section 5.7 'Waste Classification' within the HSP 2026 Phase II report, Rev B.

During soil sampling a photo ionisation detector (PID) was used to monitor volatile organic compound (VOC) concentrations from soil arisings from the excavation. The PID did not record any VOC concentrations above the limit of detection.

As no obvious (visual or olfactory) hydrocarbon impacted soils were noted, all excavated soil arisings were stockpiled on the concrete slab surrounding the excavation. Once soil sampling was completed, all soil arisings were placed back in the excavation.

Human Health

The screening process for on-site human health receptors show that the GACs representative of minimal risk for a commercial setting were not exceeded in any of the samples tested, with the exception of Dibenz(a,h)Anthracene from one sample within the Made Ground (subbase) under the former AdBlue tank. The details of this marginal exceedance is included in the table below:

Table 3.2.3c – GAC Exceedances

Sample Location & Depth (m begl)	Determinand	GAC for Commercial Setting (mg/kg)	Observed Level (mg/kg)
TP201a: 0.05	Dibenz(a,h)Anthracene	3.5 ¹	3.8

¹S4UL

The concentration of Dibenz(a,h)Anthracene recorded is marginally elevated above the GAC for a commercial setting and is likely to be removed from site as part of a future site strip and as such is not considered to pose a significant possibility of significant harm to the proposed end users of the site. Furthermore, macadam surfacing was noted to underlie the Made Ground sub base in which the exceedance was recorded.

Should any obvious evidence of unexpected contamination be encountered during the redevelopment works it should be reported to HSP Consulting Engineers Ltd so that an inspection can be made, and appropriate sampling and assessment work be carried out.

Appropriate health and safety precautions (e.g., wearing appropriate PPE) should be adopted during any excavation works to avoid exposure to contaminated soils and dust.

It is considered that the AST decommissioning and subsequent soil testing has confirmed the soils beneath and within the surrounding area around the former ASTs does not pose any significant risk to future end users.

3.3 Conclusions & Recommendations

Further works will be required to drain and remove the existing interceptor/drainage chambers located immediately south of the former AST tanks and in the centre of the former wash station.

No further mitigation or remedial works are required in respect to the areas of the former diesel and Ad-Blue ASTs.

4. References

1. HSP Consulting Engineers Ltd, Land off Moorgate Point, Knowsley, Phase I Geo-Environmental Desk Study Report, August 2025, Ref: HSP2025-C4884-G-GPI-3433
2. HSP Consulting Engineers Ltd, Land off Moorgate Point, Knowsley, Phase II Geo-Environmental Assessment, February 2026, Ref: HSP2025-C4884-G-GPII-3650-B
3. British Geological Survey, Geology of Britain Viewer <https://www.bgs.ac.uk/map-viewers/geology-of-britain-viewer/>
4. Department of the Environment Industry Profiles.
5. Site Investigation in Construction, Volume 3, Specification for Ground Investigation 2nd Edition.
6. BS 5930:2015 +A1:2020 Code of Practice for Site Investigations.
7. BS10175:2026 Investigation of Potentially Contaminated Sites - Code of Practice.
8. Nathanail, C.P., McCaffrey, C., Gillett, A.G., Ogden, R.C. and Nathanail, J.F. 2015. The LQM/CIEH S4ULs for Human Health Risk Assessment. Land Quality Press, Nottingham.
9. CIRIA 2014, C733 'Asbestos in soil and made ground: a guide to understanding and managing risks.

Appendix I



DO NOT SCALE
NOTES:



 - Approximate Site Location



Lawrence House, Meadowbank Way,
Eastwood, Nottingham, NG16 3SB
Tel: 01773 535 555 Fax: 0870 600 6091
www.hspconsulting.com

CLIENT:
Indurent

PROJECT:
Moorgate Point

TITLE:
Site Location Plan

SCALE@SIZE : NTS	ISSUE: FINAL
DESIGN/DRAWN : TG	DATE: July 2025
PROJECT No: C4884	DRAWING No: 501

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- Dimensions are in millimeters, unless stated otherwise.
- Scaling of this drawing is not recommended.
- It is the recipient's responsibility to print this document to the correct scale.
- All relevant drawings and specifications should be read in conjunction with this drawing.

Schedule of Accommodation

Total GIA	-	199,488 ft ²	(18,533 m ²)
Total GIA + Exp/Amn	-	206,659 ft ²	(19,199 m ²)
Site Area	-	11.18 acres	4.53 ha
Site Density GIA	-		40.95%

Unit K133

Warehouse Area	-	121,826 ft ²	(11,318 m ²)
GF Core	-	840 ft ²	(78 m ²)
1F+2F Offices	-	7,766 ft ²	(721 m ²)
Total GIA	-	130,432 ft ²	(12,117 m ²)
Amenity Deck	-	3,883 ft ²	(361 m ²)
Total GIA + Exp/Amn	-	134,315 ft ²	(12,478 m ²)

Unit K72

Warehouse Area	-	65,122 ft ²	(6,050 m ²)
GF Core	-	646 ft ²	(60 m ²)
1F Office	-	3,288 ft ²	(306 m ²)
Total GIA	-	69,056 ft ²	(6,415 m ²)
Amenity Deck	-	3,288 ft ²	(306 m ²)
Total GIA + Exp/Amn	-	72,345 ft ²	(6,721 m ²)

Key Constraints

- Council Land
- Highways Land
- Overhead Cables
- Surface Water Sewer
- Foul Water Sewer

P.04	Access route revised to create larger basin. Wide-scale yard, parking and landscape area updates to K134. Relocation of amenity area to adj. basin. Revision to future access into adj. plot.	TDA	SC	31.03.25
P.03	Access/yard and amenity space updates	RS	TDA	24.03.25
P.02	OS added & plan revised to latest constraints	RS	TDA	20.03.25
P.01	Initial Issue	LBR	TDA	18.11.24
rev	amendments	by	ckd	date

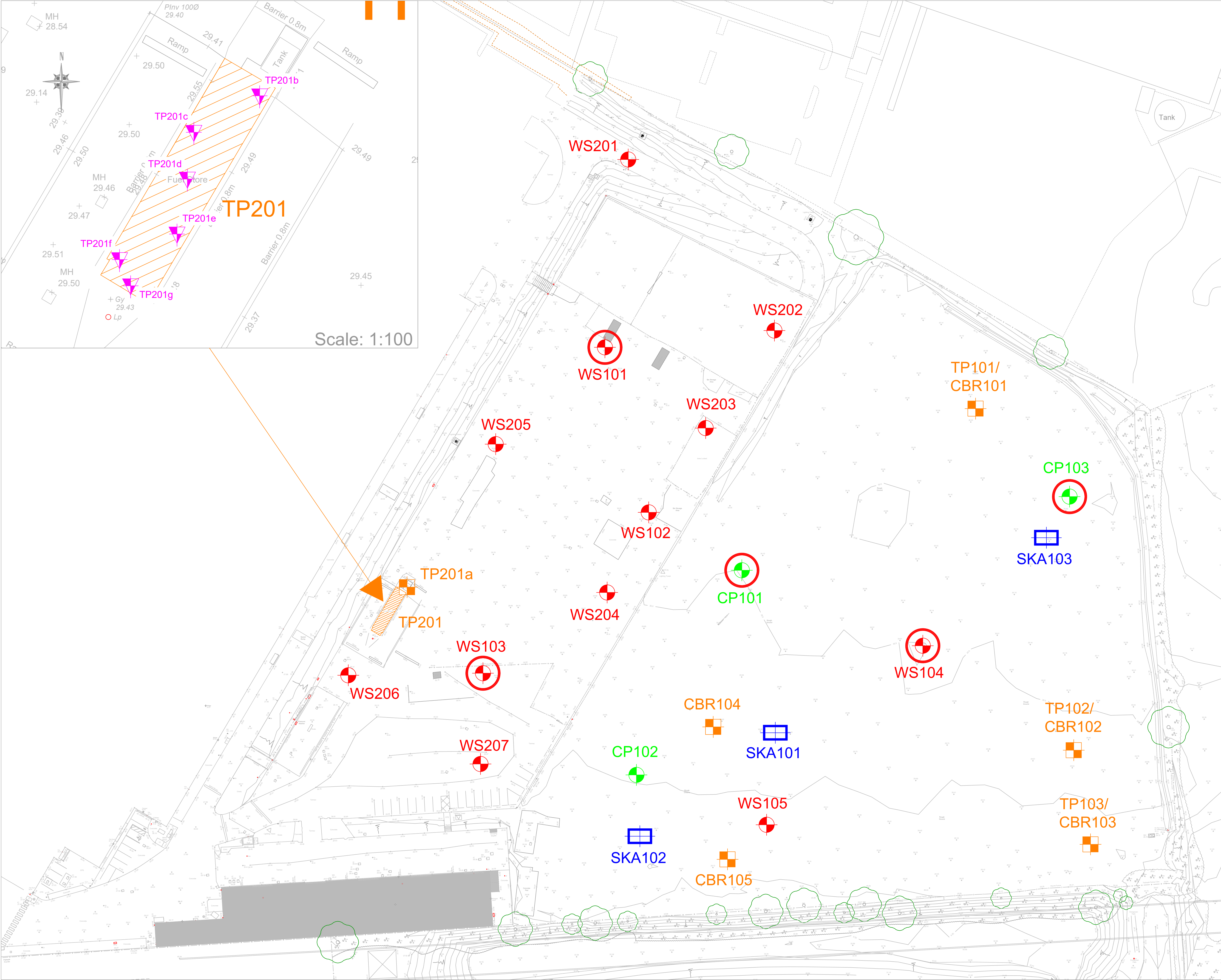
Indurent Park, Moorgate Point,
Knowsley
Masterplan - 2 Units

Information Container LOD:	LOD 100
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RIBA PoW Stage:	2 - Concept Design
Document Suitability:	S1
Drawn / Checked:	LBR / TDA
Date:	18.11.24
Scale:	1:500 @ A1
UMC Project Number:	22520
Document Reference:	Drawing no: Revision:
22520 - UMC - ZZZZ - SI - DR - A	0612 P.04

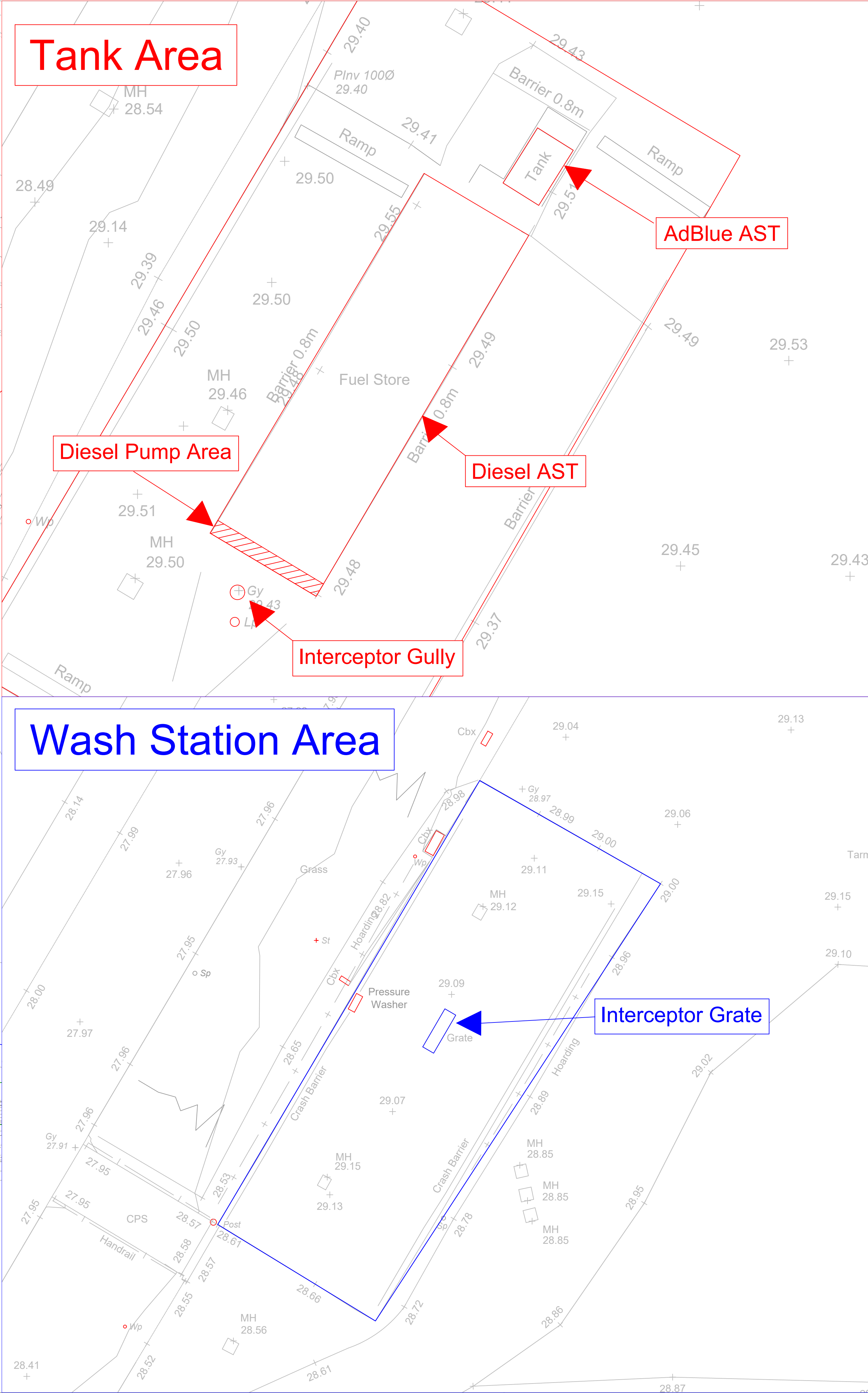
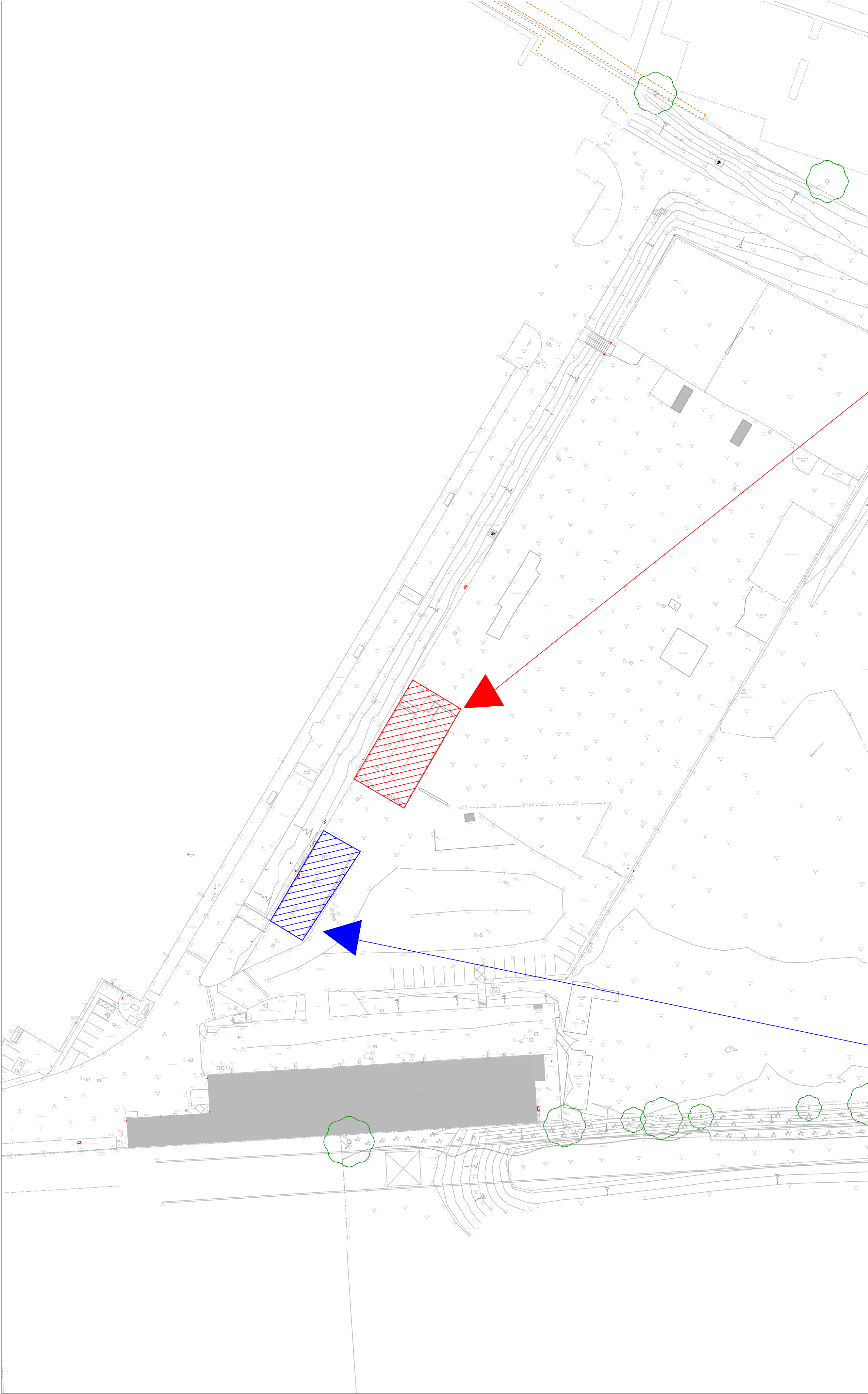
Appendix II



- GENERAL NOTES**
1. Do not scale.
 2. This drawing is to be read in conjunction with all other relevant HSP drawings/reports.
 3. Should there be any discrepancy between details indicated on this drawing and those indicated on other drawings the Engineer should be informed PRIOR to construction on site.
 4. Until technical approval has been obtained from the relevant Authorities it should be understood that all drawings issued are preliminary and NOT for construction. Should the contractor start site work prior to approval been given, it is entirely at his own risk.
 5. All dimensions shown are in metres unless noted otherwise.
 6. This drawing is based on Mapmatic Drawing Number, 7653-0001, dated 26.03.2025.
 7. All survey information is provided by the surveying company and HSP cannot accept any liability for any discrepancies there in. All survey information to be verified on site by contractor. Should discrepancies be identified, HSP to be notified immediately.

- Legend**
- CP# Cable Percussive Borehole
 - TP/CBR# Trial Pit / CBR Test
 - SKA# Infiltration Test
 - WS# Window Sampling Borehole
 - Denotes monitoring well
 - TP201b Soil Sampling Location within excavated tank (1.20m depth)

P04_TG_20.02.26 Drawing updated following tank excavation exercise KM		
REV	BY	DATE
DETAILS		
CKD		
STATUS		
S2 - INFORMATION		
CLIENT		
Indurent Management Limited		
PROJECT		
Moorgate Point, Knowsley		
TITLE		
Ground Investigation Layout Plan		
hsp consulting Lawrence House, 6 Meadowbank Way, Eastwood, Nottingham, NG16 3SB Tel: 01773 535555 www.hspconsulting.com		
SCALE	PROJECT NO.	SHEET
1:500	C4884	SIZE A1
DATE	DRAWN	CHECKED
20/02/2026	TG	KM
DRAWING NO.		REV
C4884-HSP-00-00-DR-G-5001		P04



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2. This drawing is to be read in conjunction with all other relevant HSP drawings/reports.

3. Should there be any discrepancy between details indicated on this drawing and those indicated on other drawings the Engineer should be informed PRIOR to construction on site.

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REV	BY	DATE	DETAILS	CKD
STATUS		S2 - INFORMATION		
CLIENT				
Indurent Management Limited				
PROJECT				
Moorgate Point, Knowsley				
TITLE				
Tank Layout Plan Layout Plan				

hsp

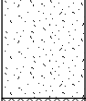
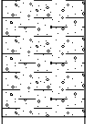
consulting

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SCALE	PROJECT NO.	SHEET
NTS	C4884	SIZE A1
DATE	DRAWN	CHECKED
27/02/2026	MK	KM
DRAWING NO.		REV
C4884-HSP-00-00-DR-G-5002		P01

Appendix III

				Trial Pit Log				Trialpit No TP201 Sheet 1 of 1	
Project Name: Moorgate Point, Knowlsey				Project No. C4884		Co-ords: 342460.78 - 397212.05 Level: 29.48		Date 22/01/2026	
Location: Land off Moorgate Point, Knowlsey, Liverpool						Dimensions (m): 13.5 Depth 0.95		Scale 1:25 Logged TG	
Client: Indurent Management Limited									

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.35	ES		0.33	29.15	 MADE GROUND: Concrete with frequent rebar.  MADE GROUND: Dark brown to black very sandy fine to coarse angular to subangular gravel of brick, concrete and macadam with moderate cobble content of brick and concrete. Sand is fine to coarse.  Firm light brown to reddish brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to medium subrounded to rounded of flint. (DEVANSIAN TILL) End of pit at 0.95 m	
	0.60	ES		0.50	28.98		
	0.65	ES					
	0.70	ES					
	0.90	ES		0.95	28.53		

Remarks:

- Trial pit terminated at 0.95m begl and backfilled with arisings.
- Samples were taken from six separate locations within the trial pit (TP201a-g). Repeat sample depths are not denoted on the logs and the reader should refer to the above report.
- Groundwater was not encountered during the excavation process.

Stability: Minor spalling in Made Ground.



Project Name:	Moorgate Point, Knowlsey
---------------	--------------------------

Project No.
C4884

Co-ords:	342466.10 - 397218.42
----------	-----------------------

Level: 29.51

Date _____

22/01/2026

Location: Land off Moorgate Point, Knowlsey, Liverpool

Dimensions
(m):

0.1

Depth
0.15

0.1

Scale

1:25

Logged TG

Client: Indurent Management Limited

[illegible]

Remarks: 1. Macadam surfacing encountered at 0.15m begl and hand dug pit terminated. Thickness on log is indicative only.
2. Groundwater was not encountered during the excavation process.

Stability: Stable.



Appendix IV



Final Report

Report No.: 26-02235-1

Initial Date of Issue: 17-Feb-2026

Re-Issue Details:

Client *HSP Consulting Engineers Limited*

Client Address: *Lawrence House
Meadowbank Way
Eastwood
Nottinghamshire
NG16 3SB*

Contact(s): *Tim Gilbraith*

Project *C4884 Moorgate Point, Knowsley*

Quotation No.: **Date Received:** 27-Jan-2026

Order No.: SC16299/C4884/TG **Date Instructed:** 27-Jan-2026

No. of Samples: 23

Turnaround (Wkdays): 10 **Results Due:** 09-Feb-2026

Date Approved: 17-Feb-2026

Approved By:

Details: David Smith, Technical Director

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

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077581	2077582	2077583	2077584	2077585	2077586	2077587
		Client Reference:				TP201a	TP201b	TP201b	TP201c	TP201c	TP201d	TP201d
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				0.05	0.35	0.70	0.35	0.65	0.35	0.70
		Date Sampled:				22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026
		Asbestos Lab:				DURHAM					NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
ACM Type		N	2192		N/A	-					-	
Asbestos Identification		U	2192		N/A	No Asbestos Detected					No Asbestos Detected	
Moisture		N	2030	%	0.020	24	18	13	14	13	13	17
Chromatogram EPH	EH_2D_Total_#1	N	5002		N/A	See Attached	See Attached	See Attached	See Attached	See Attached	See Attached	See Attached
Chromatogram VPH	HS_2D_Total	N			N/A	See Attached	See Attached	See Attached	See Attached	See Attached	See Attached	See Attached
pH at 20C		M	2010		4.0	8.2					11.1	
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	0.46					0.89	
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	0.076					0.32	
Total Sulphur		U	2175	%	0.010	0.052					0.11	
Cyanide (Total)		M	2300	mg/kg	0.50	0.50					< 0.50	
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	24					8.5	
Sulphate (Total)		U	2430	mg/kg	100	1300					2800	
Sulphate (Acid Soluble)		U	2430	%	0.010							
Arsenic		M	2455	mg/kg	0.5	7.7					7.9	
Cadmium		M	2455	mg/kg	0.10	< 0.10					0.23	
Chromium		M	2455	mg/kg	0.5	17					13	
Antimony		N	2455	mg/kg	2.0	< 2.0					< 2.0	
Copper		M	2455	mg/kg	0.50	18					26	
Mercury		M	2455	mg/kg	0.05	< 0.05					0.18	
Nickel		M	2455	mg/kg	0.50	< 0.50					3.8	
Lead		M	2455	mg/kg	0.50	19					460	
Selenium		M	2455	mg/kg	0.25	0.38					0.38	
Vanadium		U	2455	mg/kg	0.5	26					22	
Zinc		M	2455	mg/kg	0.50	53					150	
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50					< 0.50	
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	0.33	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	0.33	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic EPH >C10-C12	EH_2D_AL_#1	M	5002	mg/kg	2.00	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:	2077581	2077582	2077583	2077584	2077585	2077586	2077587	
		Client Reference:	TP201a	TP201b	TP201b	TP201c	TP201c	TP201d	TP201d	
		Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):	0.05	0.35	0.70	0.35	0.65	0.35	0.70	
		Date Sampled:	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	
		Asbestos Lab:	DURHAM					NEW-ASB		
Determinand	HWOL Code	Accred.	SOP	Units	LOD					
Aliphatic EPH >C12-C16	EH_2D_AL_#1	M	5002	mg/kg	2.00	2.7	12	< 2.0	9.0	< 2.0
Aliphatic EPH >C16-C21	EH_2D_AL_#1	M	5002	mg/kg	2.00	16	15	< 2.0	31	< 2.0
Aliphatic EPH >C21-C35	EH_2D_AL_#1	M	5002	mg/kg	3.00	16	19	< 3.0	27	< 3.0
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10	< 10	< 10	< 10	< 10
Aliphatic EPH >C40-C44	EH_2D_AL_#1	N	5002	mg/kg	1.00		1.8	1.7	< 1.0	1.3
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	M	5002	mg/kg	7.00	35	46	< 7.0	66	< 7.0
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	36	52	< 10	68	< 10
Total Aliphatic EPH >C10-C44	EH_2D_AL_#1	N	5002	mg/kg	10.00		48	< 10	66	< 10
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	12	3.7	< 2.0	5.2	< 2.0
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	90	3.2	< 2.0	14	< 2.0
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	520	8.7	< 2.0	45	< 2.0
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	110	8.2	1.5	19	1.0
Aromatic EPH >C40-C44	EH_2D_AR_#1	N	5002	mg/kg	1.00		3.1	< 1.0	6.5	< 1.0
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	620	16	< 4.0	65	< 4.0
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	730	24	< 10	83	< 10
Total Aromatic EPH >C10-C44	EH_2D_AR_#1	N	5002	mg/kg	10.00		27	< 10	90	< 10
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	660	62	< 10	130	< 10
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	770	76	< 10	150	< 10
Total EPH >C10-C44	EH_2D_Total_#1	N	5002	mg/kg	10.00		80	< 10	160	< 10
LOI		M	2610	%	0.10	2.0				3.5
Organic Matter		M	2625	%	0.40	1.4				2.6
Benzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	5003	mg/kg	0.05	0.07				< 0.05
Acenaphthylene		M	5003	mg/kg	0.05	0.26				< 0.05
Acenaphthene		M	5003	mg/kg	0.05	0.23				0.07
Fluorene		M	5003	mg/kg	0.05	0.14				< 0.05
Phenanthrene		M	5003	mg/kg	0.05	3.3				0.48
Anthracene		M	5003	mg/kg	0.05	1.6				0.19
Fluoranthene		M	5003	mg/kg	0.05	25				1.1
Pyrene		M	5003	mg/kg	0.05	26				1.0
Benzo[a]anthracene		M	5003	mg/kg	0.05	17				0.50
Chrysene		M	5003	mg/kg	0.05	19				0.56

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077581	2077582	2077583	2077584	2077585	2077586	2077587
		Client Reference:				TP201a	TP201b	TP201b	TP201c	TP201c	TP201d	TP201d
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				0.05	0.35	0.70	0.35	0.65	0.35	0.70
		Date Sampled:				22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026
		Asbestos Lab:				DURHAM					NEW-ASB	
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
Benzo[b]fluoranthene		M	5003	mg/kg	0.05	39					0.96	
Benzo(k)Fluoranthene		M	5003	mg/kg	0.05	14					0.33	
Benzo[a]pyrene		M	5003	mg/kg	0.05	28					0.64	
Indeno(1,2,3-c,d)Pyrene		M	5003	mg/kg	0.05	22					0.53	
Dibenz(a,h)Anthracene		M	5003	mg/kg	0.05	3.8					0.09	
Benzo[g,h,i]perylene		M	5003	mg/kg	0.05	22					0.54	
Total Of 16 PAH's		M	5003	mg/kg	0.05	220					7.1	
Total Phenols		M	2920	mg/kg	0.10	< 0.10					< 0.10	

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077588	2077589	2077590	2077591	2077592	2077593	2077594
		<i>Client Reference:</i>				TP201e	TP201e	TP201f	TP201f	TP201g	TP201g	WS202
		<i>Sample Type:</i>				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		<i>Top Depth (m):</i>				0.35	0.60	0.35	0.70	0.70	0.90	0.20
		<i>Date Sampled:</i>				22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	23-Jan-2026
		<i>Asbestos Lab:</i>										DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
ACM Type		N	2192		N/A							-
Asbestos Identification		U	2192		N/A							No Asbestos Detected
Moisture		N	2030	%	0.020	14	20	11	13	14	16	13
Chromatogram EPH	EH_2D_Total_#1	N	5002		N/A	See Attached	See Attached	See Attached	See Attached	See Attached	See Attached	See Attached
Chromatogram VPH	HS_2D_Total	N			N/A	See Attached	See Attached	See Attached	See Attached	See Attached	See Attached	See Attached
pH at 20C		M	2010		4.0				9.0			8.5
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40				< 0.40			0.63
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010				0.033			0.16
Total Sulphur		U	2175	%	0.010				0.012			0.096
Cyanide (Total)		M	2300	mg/kg	0.50				< 0.50			< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50				4.5			7.5
Sulphate (Total)		U	2430	mg/kg	100				210			1600
Sulphate (Acid Soluble)		U	2430	%	0.010							
Arsenic		M	2455	mg/kg	0.5				4.7			16
Cadmium		M	2455	mg/kg	0.10				< 0.10			0.23
Chromium		M	2455	mg/kg	0.5				16			14
Antimony		N	2455	mg/kg	2.0				< 2.0			2.1
Copper		M	2455	mg/kg	0.50				3.0			81
Mercury		M	2455	mg/kg	0.05				< 0.05			0.07
Nickel		M	2455	mg/kg	0.50				3.7			32
Lead		M	2455	mg/kg	0.50				6.4			67
Selenium		M	2455	mg/kg	0.25				0.28			0.62
Vanadium		U	2455	mg/kg	0.5				16			38
Zinc		M	2455	mg/kg	0.50				9.2			120
Chromium (Hexavalent)		N	2490	mg/kg	0.50				< 0.50			< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic EPH >C10-C12	EH_2D_AL_#1	M	5002	mg/kg	2.00	2.7	< 2.0	3.9	< 2.0	< 2.0	< 2.0	< 2.0

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077588	2077589	2077590	2077591	2077592	2077593	2077594
		<i>Client Reference:</i>				TP201e	TP201e	TP201f	TP201f	TP201g	TP201g	WS202
		<i>Sample Type:</i>				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		<i>Top Depth (m):</i>				0.35	0.60	0.35	0.70	0.70	0.90	0.20
		<i>Date Sampled:</i>				22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	23-Jan-2026
		<i>Asbestos Lab:</i>										DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
Aliphatic EPH >C12-C16	EH_2D_AL_#1	M	5002	mg/kg	2.00	6.1	< 2.0	23	< 2.0	< 2.0	< 2.0	3.5
Aliphatic EPH >C16-C21	EH_2D_AL_#1	M	5002	mg/kg	2.00	21	< 2.0	91	< 2.0	< 2.0	< 2.0	3.2
Aliphatic EPH >C21-C35	EH_2D_AL_#1	M	5002	mg/kg	3.00	16	< 3.0	55	< 3.0	< 3.0	4.4	7.3
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Aliphatic EPH >C40-C44	EH_2D_AL_#1	N	5002	mg/kg	1.00	1.8	1.4	4.3		1.6	1.4	
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	M	5002	mg/kg	7.00	46	< 7.0	170	< 7.0	< 7.0	< 7.0	16
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	46	< 10	170	< 10	< 10	< 10	18
Total Aliphatic EPH >C10-C44	EH_2D_AL_#1	N	5002	mg/kg	10.00	47	< 10	180		< 10	< 10	
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	< 2.0	2.9	< 2.0	< 2.0	< 2.0	< 2.0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	21	< 2.0	30	< 2.0	< 2.0	< 2.0	11
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	78	< 2.0	130	< 2.0	< 2.0	< 2.0	77
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	320	< 2.0	640	< 2.0	5.0	4.6	150
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	80	2.0	180	6.4	5.7	5.1	27
Aromatic EPH >C40-C44	EH_2D_AR_#1	N	5002	mg/kg	1.00	14	1.4	33		1.5	1.3	
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	420	< 4.0	800	< 4.0	6.0	6.0	240
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	500	< 10	980	< 10	12	11	270
Total Aromatic EPH >C10-C44	EH_2D_AR_#1	N	5002	mg/kg	10.00	510	< 10	1000		13	12	
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	470	< 10	980	< 10	< 10	12	260
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	540	< 10	1200	11	16	19	290
Total EPH >C10-C44	EH_2D_Total_#1	N	5002	mg/kg	10.00	560	< 10	1200		19	21	
LOI		M	2610	%	0.10				1.6			5.1
Organic Matter		M	2625	%	0.40				< 0.40			8.0
Benzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	5003	mg/kg	0.05				< 0.05			0.73
Acenaphthylene		M	5003	mg/kg	0.05				< 0.05			0.12
Acenaphthene		M	5003	mg/kg	0.05				< 0.05			1.2
Fluorene		M	5003	mg/kg	0.05				< 0.05			1.1
Phenanthrene		M	5003	mg/kg	0.05				< 0.05			9.4
Anthracene		M	5003	mg/kg	0.05				< 0.05			2.9
Fluoranthene		M	5003	mg/kg	0.05				< 0.05			17
Pyrene		M	5003	mg/kg	0.05				< 0.05			15
Benzo[a]anthracene		M	5003	mg/kg	0.05				< 0.05			7.6
Chrysene		M	5003	mg/kg	0.05				< 0.05			6.8

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077588	2077589	2077590	2077591	2077592	2077593	2077594
		Client Reference:				TP201e	TP201e	TP201f	TP201f	TP201g	TP201g	WS202
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				0.35	0.60	0.35	0.70	0.70	0.90	0.20
		Date Sampled:				22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	22-Jan-2026	23-Jan-2026
		Asbestos Lab:										DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
Benzo[b]fluoranthene		M	5003	mg/kg	0.05				0.06			8.1
Benzo(k)Fluoranthene		M	5003	mg/kg	0.05				< 0.05			3.1
Benzo[a]pyrene		M	5003	mg/kg	0.05				< 0.05			6.3
Indeno(1,2,3-c,d)Pyrene		M	5003	mg/kg	0.05				< 0.05			3.5
Dibenz(a,h)Anthracene		M	5003	mg/kg	0.05				< 0.05			0.75
Benzo[g,h,i]perylene		M	5003	mg/kg	0.05				< 0.05			3.0
Total Of 16 PAH's		M	5003	mg/kg	0.05				0.06			87
Total Phenols		M	2920	mg/kg	0.10				0.11			< 0.10

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077595	2077596	2077597	2077599	2077600	2077601	2077602
		<i>Client Reference:</i>				WS203	WS204	WS204	WS206	WS206	WS206	WS207
		<i>Sample Type:</i>				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		<i>Top Depth (m):</i>				0.60	0.35	0.60	0.30	0.45	1.20	0.30
		<i>Date Sampled:</i>				23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026
		<i>Asbestos Lab:</i>					DURHAM		DURHAM			DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
ACM Type		N	2192		N/A		-		-			-
Asbestos Identification		U	2192		N/A		No Asbestos Detected		No Asbestos Detected			No Asbestos Detected
Moisture		N	2030	%	0.020	14	9.2	12	18	13	11	22
Chromatogram EPH	EH_2D_Total_#1	N	5002		N/A		See Attached	See Attached	See Attached	See Attached		See Attached
Chromatogram VPH	HS_2D_Total	N			N/A		See Attached	See Attached	See Attached	See Attached		See Attached
pH at 20C		M	2010		4.0	8.0	8.2	8.4	8.0	8.3	8.5	8.5
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40		0.63	< 0.40	1.0	0.73		0.52
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	0.072	0.11	0.013	1.6	0.17	0.12	0.18
Total Sulphur		U	2175	%	0.010	0.017	0.19	0.017	0.57	0.032	0.026	0.34
Cyanide (Total)		M	2300	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50		< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50		11	3.5	14	5.5		16
Sulphate (Total)		U	2430	mg/kg	100		680	280	11000	710		7500
Sulphate (Acid Soluble)		U	2430	%	0.010	0.010					0.033	
Arsenic		M	2455	mg/kg	0.5		7.0	7.0	12	4.8		16
Cadmium		M	2455	mg/kg	0.10		0.14	< 0.10	0.10	< 0.10		0.11
Chromium		M	2455	mg/kg	0.5		21	37	8.2	13		16
Antimony		N	2455	mg/kg	2.0		< 2.0	< 2.0	< 2.0	< 2.0		< 2.0
Copper		M	2455	mg/kg	0.50		45	23	29	3.2		60
Mercury		M	2455	mg/kg	0.05		< 0.05	< 0.05	0.30	< 0.05		0.06
Nickel		M	2455	mg/kg	0.50		22	34	5.6	9.2		19
Lead		M	2455	mg/kg	0.50		33	13	690	12		36
Selenium		M	2455	mg/kg	0.25		0.38	0.51	0.30	< 0.25		0.63
Vanadium		U	2455	mg/kg	0.5		24	39	20	15		32
Zinc		M	2455	mg/kg	0.50		75	55	94	8.7		60
Chromium (Hexavalent)		N	2490	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50		< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25		< 0.25
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25		< 0.25
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50		< 0.50
Aliphatic EPH >C10-C12	EH_2D_AL_#1	M	5002	mg/kg	2.00		< 2.0	< 2.0	2.6	< 2.0		3.0

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077595	2077596	2077597	2077599	2077600	2077601	2077602
		Client Reference:				WS203	WS204	WS204	WS206	WS206	WS206	WS207
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				0.60	0.35	0.60	0.30	0.45	1.20	0.30
		Date Sampled:				23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026
		Asbestos Lab:					DURHAM		DURHAM			DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
Aliphatic EPH >C12-C16	EH_2D_AL_#1	M	5002	mg/kg	2.00		< 2.0	< 2.0	6.4	< 2.0		6.2
Aliphatic EPH >C16-C21	EH_2D_AL_#1	M	5002	mg/kg	2.00		4.2	< 2.0	12	< 2.0		8.1
Aliphatic EPH >C21-C35	EH_2D_AL_#1	M	5002	mg/kg	3.00		14	< 3.0	21	< 3.0		15
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00		< 10	< 10	< 10	< 10		< 10
Aliphatic EPH >C40-C44	EH_2D_AL_#1	N	5002	mg/kg	1.00							
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	M	5002	mg/kg	7.00		19	< 7.0	43	< 7.0		32
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00		23	< 10	46	< 10		35
Total Aliphatic EPH >C10-C44	EH_2D_AL_#1	N	5002	mg/kg	10.00							
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00		< 2.0	< 2.0	< 2.0	< 2.0		< 2.0
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00		< 2.0	< 2.0	13	< 2.0		17
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00		< 2.0	< 2.0	16	< 2.0		44
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00		3.5	< 2.0	14	< 2.0		40
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00		2.8	1.5	3.1	1.4		7.3
Aromatic EPH >C40-C44	EH_2D_AR_#1	N	5002	mg/kg	1.00							
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00		4.3	< 4.0	45	< 4.0		100
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00		< 10	< 10	48	< 10		110
Total Aromatic EPH >C10-C44	EH_2D_AR_#1	N	5002	mg/kg	10.00							
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00		23	< 10	87	< 10		140
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00		30	< 10	93	< 10		150
Total EPH >C10-C44	EH_2D_Total_#1	N	5002	mg/kg	10.00							
LOI		M	2610	%	0.10		3.0	2.6	4.8	2.1		15
Organic Matter		M	2625	%	0.40		2.1	0.47	3.8	< 0.40		26
Benzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0		< 1.0
Toluene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0		< 1.0
Ethylbenzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0		< 1.0
m & p-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0		< 1.0
o-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0		< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0		< 1.0
Naphthalene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.13	< 0.05		0.23
Acenaphthylene		M	5003	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		< 0.05
Acenaphthene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.08	< 0.05		0.66
Fluorene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.12	< 0.05		0.31
Phenanthrene		M	5003	mg/kg	0.05		0.08	< 0.05	0.63	< 0.05		4.0
Anthracene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.25	< 0.05		1.3
Fluoranthene		M	5003	mg/kg	0.05		< 0.05	< 0.05	1.4	< 0.05		9.7
Pyrene		M	5003	mg/kg	0.05		< 0.05	< 0.05	1.1	< 0.05		7.4
Benzo[a]anthracene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.48	< 0.05		2.8
Chrysene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.50	< 0.05		2.8

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235	26-02235	26-02235	26-02235	26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077595	2077596	2077597	2077599	2077600	2077601	2077602
		Client Reference:				WS203	WS204	WS204	WS206	WS206	WS206	WS207
		Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):				0.60	0.35	0.60	0.30	0.45	1.20	0.30
		Date Sampled:				23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026	23-Jan-2026
		Asbestos Lab:					DURHAM		DURHAM			DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD							
Benzo[b]fluoranthene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.67	< 0.05		3.4
Benzo(k)Fluoranthene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.21	< 0.05		1.2
Benzo[a]pyrene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.43	< 0.05		2.2
Indeno(1,2,3-c,d)Pyrene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.26	< 0.05		1.3
Dibenz(a,h)Anthracene		M	5003	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05		0.26
Benzo[g,h,i]perylene		M	5003	mg/kg	0.05		< 0.05	< 0.05	0.27	< 0.05		1.2
Total Of 16 PAH's		M	5003	mg/kg	0.05		0.08	< 0.05	6.6	< 0.05		39
Total Phenols		M	2920	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077603	2077604
		Client Reference:				WS207	WS207
		Sample Type:				SOIL	SOIL
		Top Depth (m):				0.55	1.10
		Date Sampled:				23-Jan-2026	23-Jan-2026
		Asbestos Lab:					
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
ACM Type		N	2192		N/A		
Asbestos Identification		U	2192		N/A		
Moisture		N	2030	%	0.020	14	13
Chromatogram EPH	EH_2D_Total_#1	N	5002		N/A	See Attached	
Chromatogram VPH	HS_2D_Total	N			N/A	See Attached	
pH at 20C		M	2010		4.0	8.1	8.4
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	< 0.40	
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	< 0.010	0.044
Total Sulphur		U	2175	%	0.010	0.094	0.022
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	10	
Sulphate (Total)		U	2430	mg/kg	100	2400	
Sulphate (Acid Soluble)		U	2430	%	0.010		0.013
Arsenic		M	2455	mg/kg	0.5	6.6	
Cadmium		M	2455	mg/kg	0.10	< 0.10	
Chromium		M	2455	mg/kg	0.5	15	
Antimony		N	2455	mg/kg	2.0	< 2.0	
Copper		M	2455	mg/kg	0.50	13	
Mercury		M	2455	mg/kg	0.05	0.05	
Nickel		M	2455	mg/kg	0.50	3.2	
Lead		M	2455	mg/kg	0.50	23	
Selenium		M	2455	mg/kg	0.25	< 0.25	
Vanadium		U	2455	mg/kg	0.5	15	
Zinc		M	2455	mg/kg	0.50	25	
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	
Aliphatic VPH >C6-C8 (Sum)	HS_2D_AL	N	2780	mg/kg	0.10	< 0.10	
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	
Aliphatic EPH >C10-C12	EH_2D_AL_#1	M	5002	mg/kg	2.00	< 2.0	

Results - Soil

Project: C4884 Moorgate Point, Knowsley

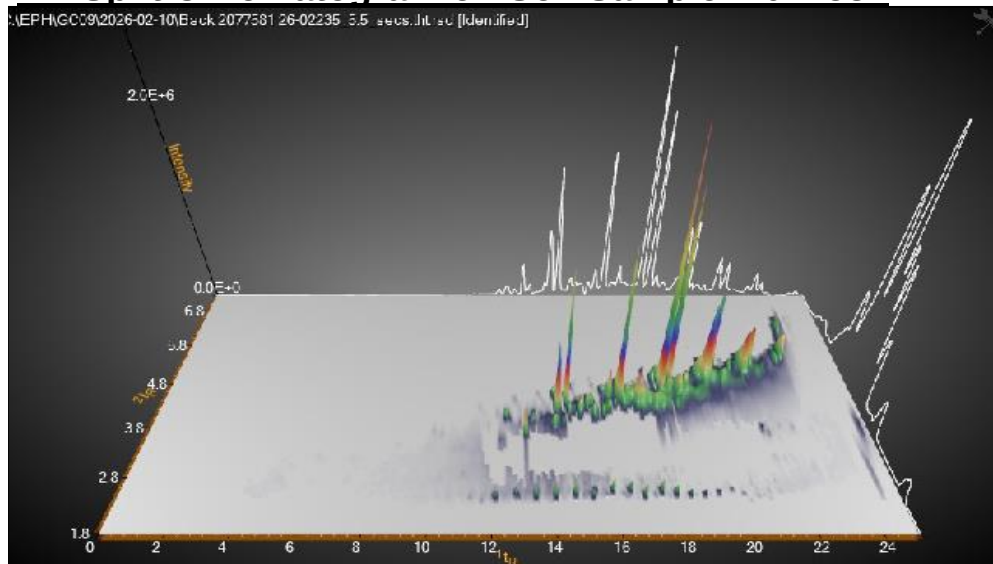
Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077603	2077604
		Client Reference:				WS207	WS207
		Sample Type:				SOIL	SOIL
		Top Depth (m):				0.55	1.10
		Date Sampled:				23-Jan-2026	23-Jan-2026
		Asbestos Lab:					
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Aliphatic EPH >C12-C16	EH_2D_AL_#1	M	5002	mg/kg	2.00	< 2.0	
Aliphatic EPH >C16-C21	EH_2D_AL_#1	M	5002	mg/kg	2.00	< 2.0	
Aliphatic EPH >C21-C35	EH_2D_AL_#1	M	5002	mg/kg	3.00	8.0	
Aliphatic EPH >C35-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	< 10	
Aliphatic EPH >C40-C44	EH_2D_AL_#1	N	5002	mg/kg	1.00		
Total Aliphatic EPH >C10-C35	EH_2D_AL_#1	M	5002	mg/kg	7.00	9.9	
Total Aliphatic EPH >C10-C40	EH_2D_AL_#1	N	5002	mg/kg	10.00	12	
Total Aliphatic EPH >C10-C44	EH_2D_AL_#1	N	5002	mg/kg	10.00		
Aromatic EPH >C10-C12	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	
Aromatic EPH >C12-C16	EH_2D_AR_#1	U	5002	mg/kg	2.00	< 2.0	
Aromatic EPH >C16-C21	EH_2D_AR_#1	U	5002	mg/kg	2.00	4.7	
Aromatic EPH >C21-C35	EH_2D_AR_#1	U	5002	mg/kg	2.00	7.8	
Aromatic EPH >C35-C40	EH_2D_AR_#1	N	5002	mg/kg	1.00	3.0	
Aromatic EPH >C40-C44	EH_2D_AR_#1	N	5002	mg/kg	1.00		
Total Aromatic EPH >C10-C35	EH_2D_AR_#1	U	5002	mg/kg	4.00	13	
Total Aromatic EPH >C10-C40	EH_2D_AR_#1	N	5002	mg/kg	10.00	16	
Total Aromatic EPH >C10-C44	EH_2D_AR_#1	N	5002	mg/kg	10.00		
Total EPH >C10-C35	EH_2D_Total_#1	U	5002	mg/kg	10.00	23	
Total EPH >C10-C40	EH_2D_Total_#1	N	5002	mg/kg	10.00	28	
Total EPH >C10-C44	EH_2D_Total_#1	N	5002	mg/kg	10.00		
LOI		M	2610	%	0.10	2.8	
Organic Matter		M	2625	%	0.40	1.5	
Benzene		M	2760	µg/kg	1.0	< 1.0	
Toluene		M	2760	µg/kg	1.0	< 1.0	
Ethylbenzene		M	2760	µg/kg	1.0	< 1.0	
m & p-Xylene		M	2760	µg/kg	1.0	< 1.0	
o-Xylene		M	2760	µg/kg	1.0	< 1.0	
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	< 1.0	
Naphthalene		M	5003	mg/kg	0.05	< 0.05	
Acenaphthylene		M	5003	mg/kg	0.05	< 0.05	
Acenaphthene		M	5003	mg/kg	0.05	< 0.05	
Fluorene		M	5003	mg/kg	0.05	< 0.05	
Phenanthrene		M	5003	mg/kg	0.05	0.42	
Anthracene		M	5003	mg/kg	0.05	0.13	
Fluoranthene		M	5003	mg/kg	0.05	0.89	
Pyrene		M	5003	mg/kg	0.05	0.69	
Benzo[a]anthracene		M	5003	mg/kg	0.05	0.27	
Chrysene		M	5003	mg/kg	0.05	0.28	

Results - Soil

Project: C4884 Moorgate Point, Knowsley

Client: HSP Consulting Engineers Limited		Chemtest Job No.:				26-02235	26-02235
Quotation No.:		Chemtest Sample ID.:				2077603	2077604
		Client Reference:				WS207	WS207
		Sample Type:				SOIL	SOIL
		Top Depth (m):				0.55	1.10
		Date Sampled:				23-Jan-2026	23-Jan-2026
		Asbestos Lab:					
Determinand	HWOL Code	Accred.	SOP	Units	LOD		
Benzo[b]fluoranthene		M	5003	mg/kg	0.05	0.38	
Benzo(k)Fluoranthene		M	5003	mg/kg	0.05	0.13	
Benzo[a]pyrene		M	5003	mg/kg	0.05	0.27	
Indeno(1,2,3-c,d)Pyrene		M	5003	mg/kg	0.05	0.19	
Dibenz(a,h)Anthracene		M	5003	mg/kg	0.05	< 0.05	
Benzo[g,h,i]perylene		M	5003	mg/kg	0.05	0.18	
Total Of 16 PAH's		M	5003	mg/kg	0.05	3.8	
Total Phenols		M	2920	mg/kg	0.10	< 0.10	

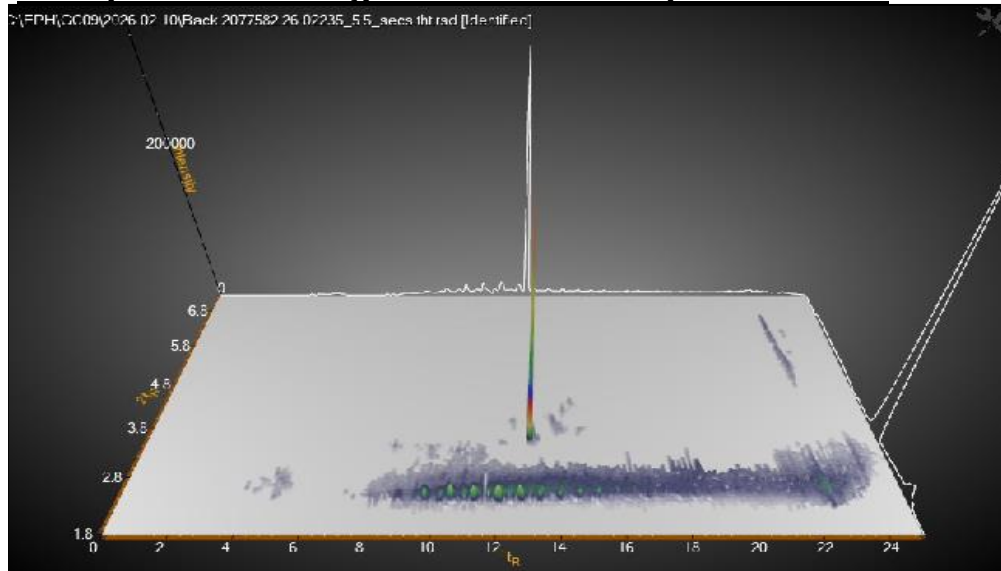
AA-Split Chromatogram on Soil Sample: 2077581



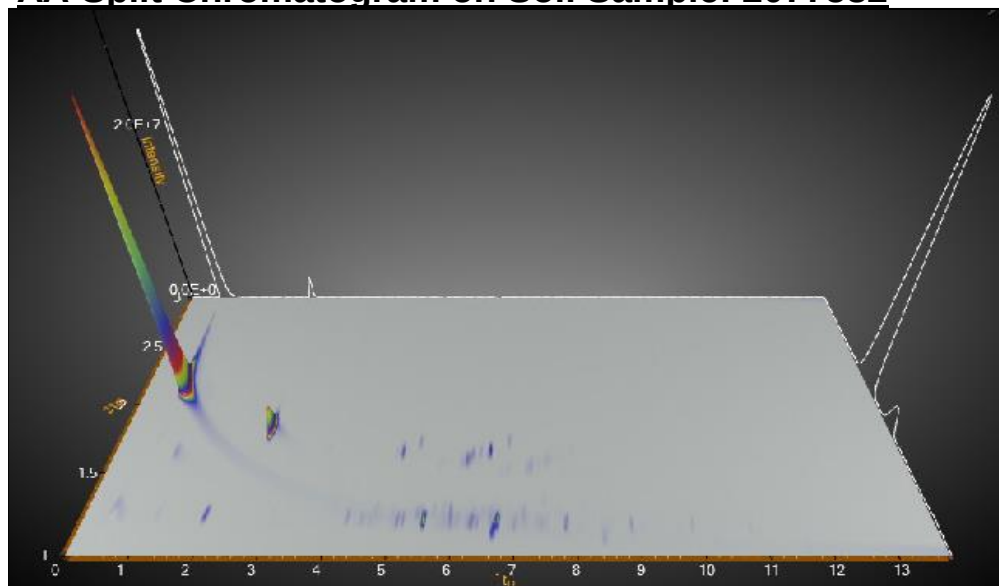
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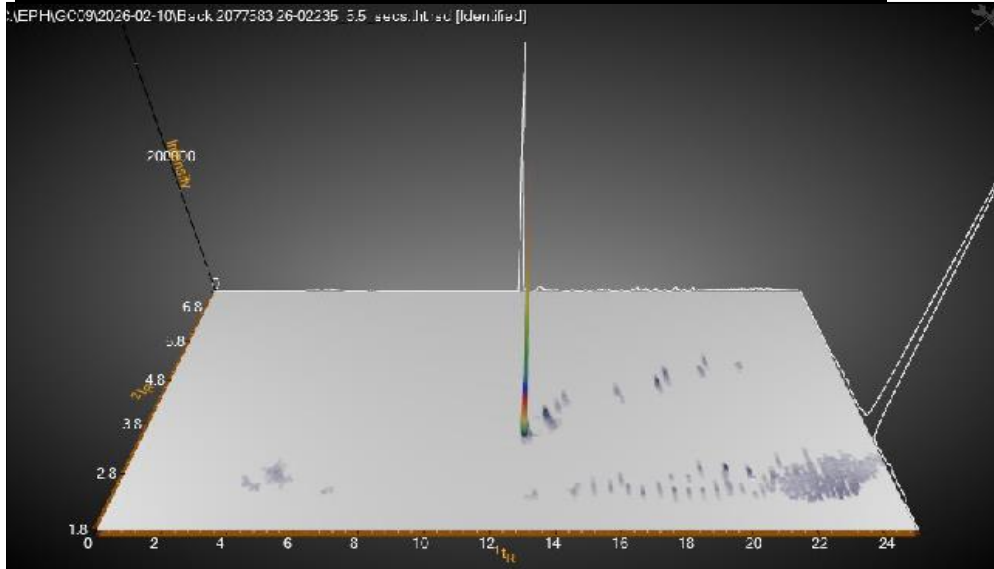
AA-Split Chromatogram on Soil Sample: 2077582



AA-Split Chromatogram on Soil Sample: 2077582



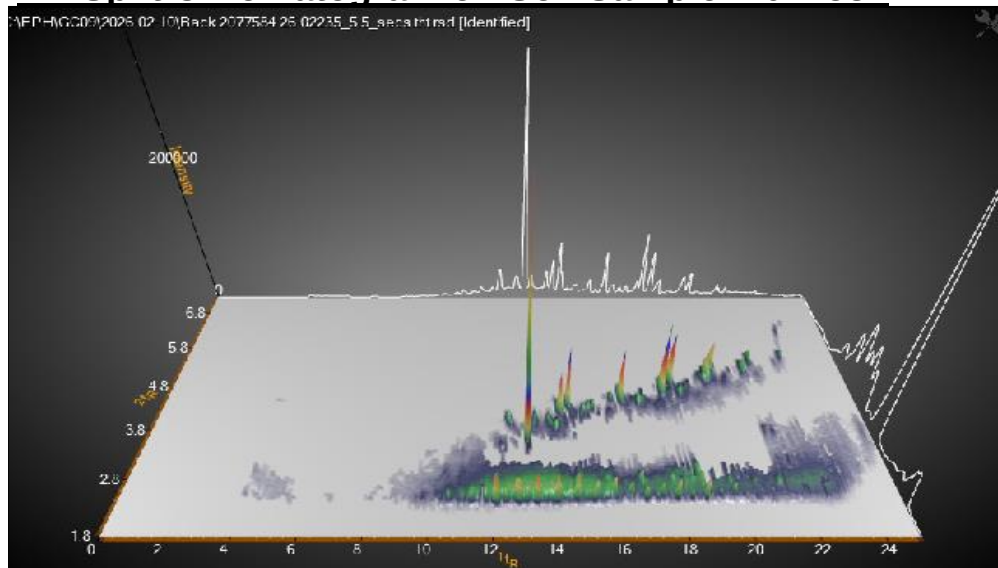
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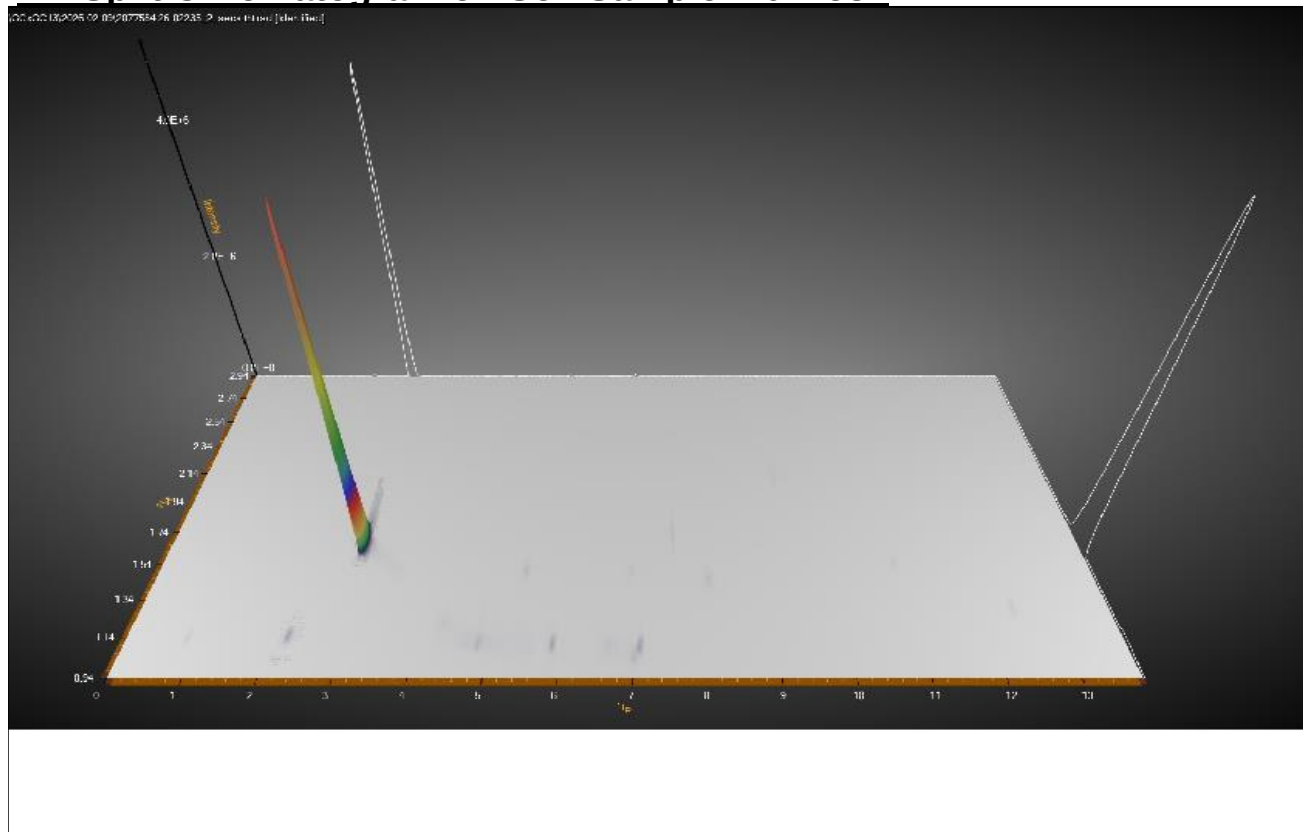
DOI:10.1371/journal.pone.0258375.g002



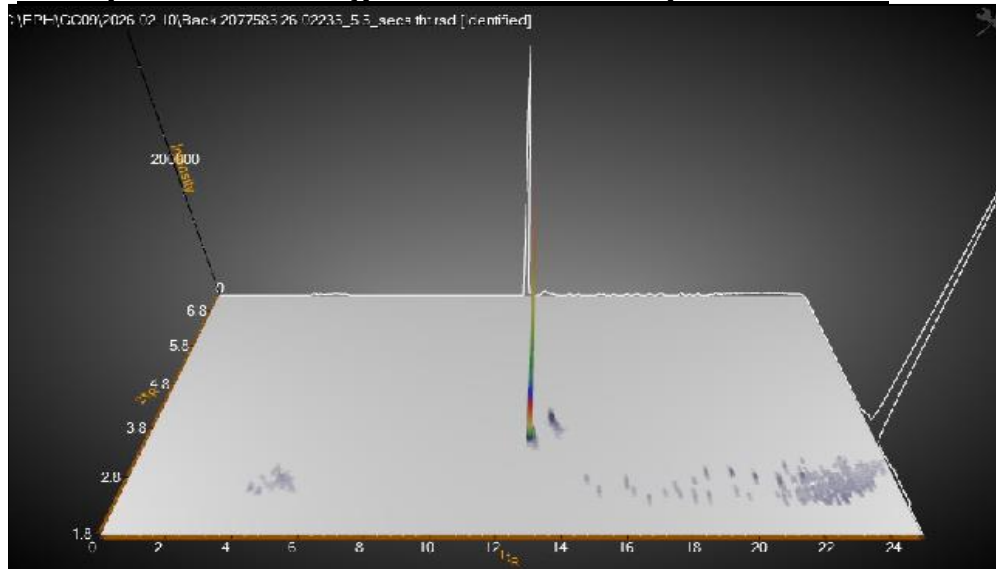
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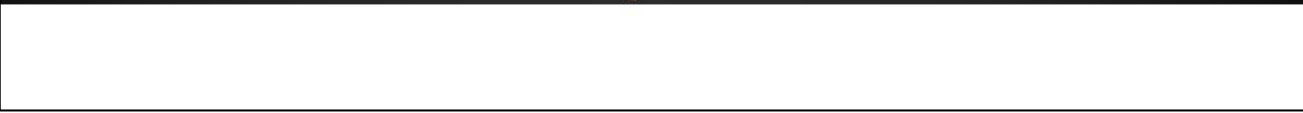
AA-Split Chromatogram on Soil Sample: 2077584



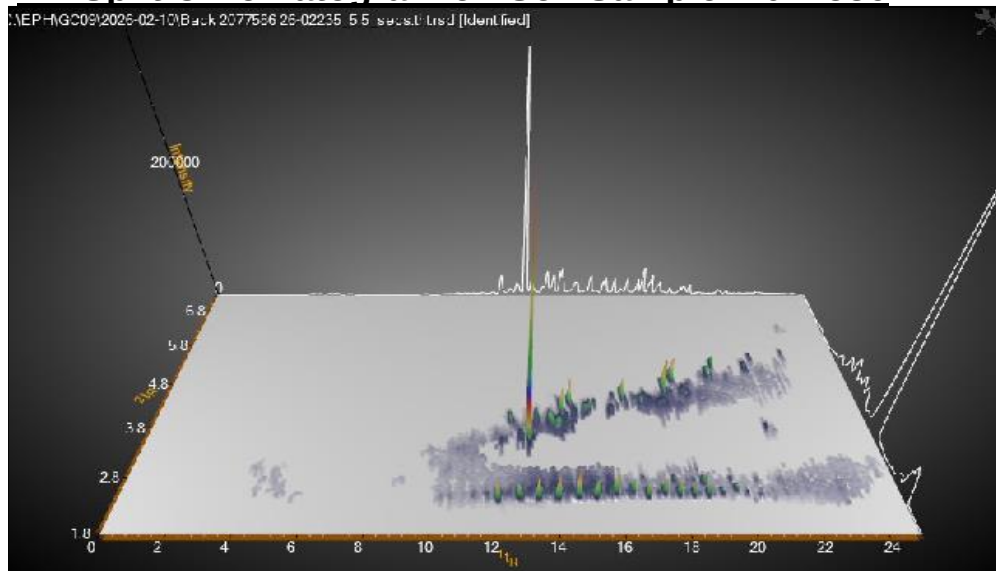
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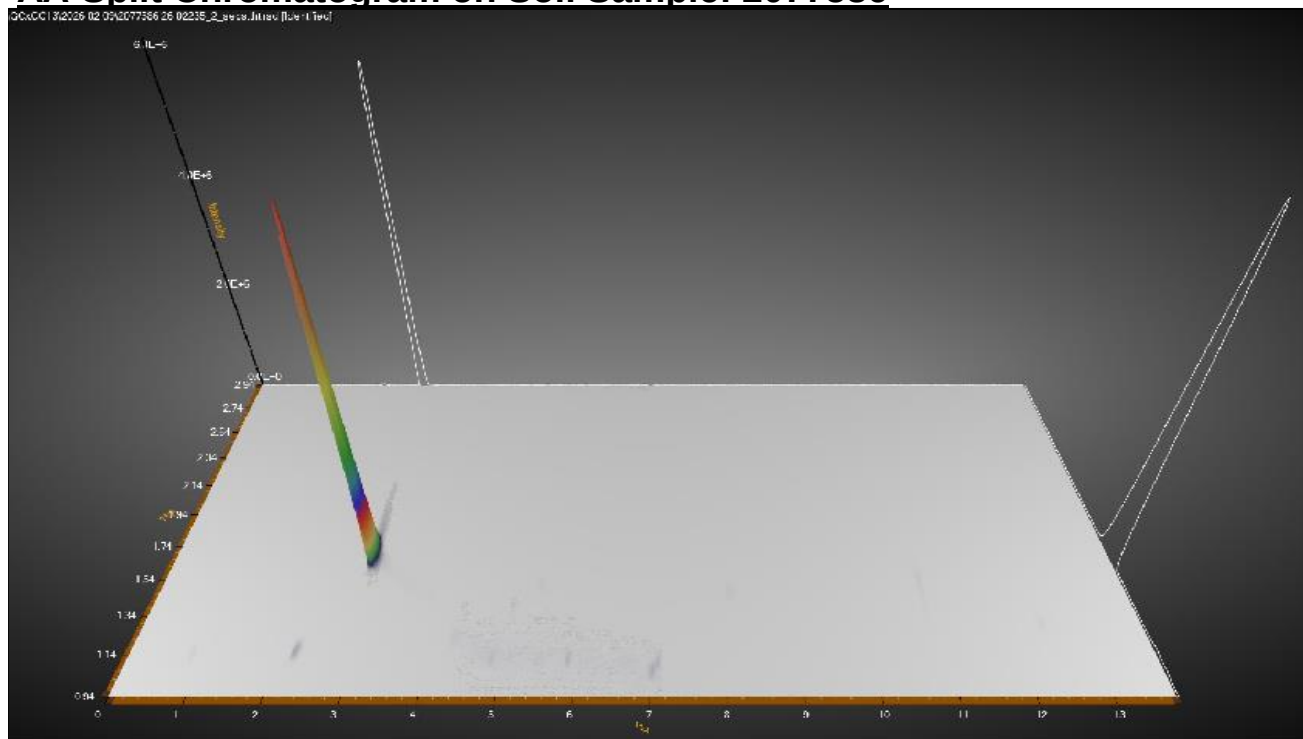
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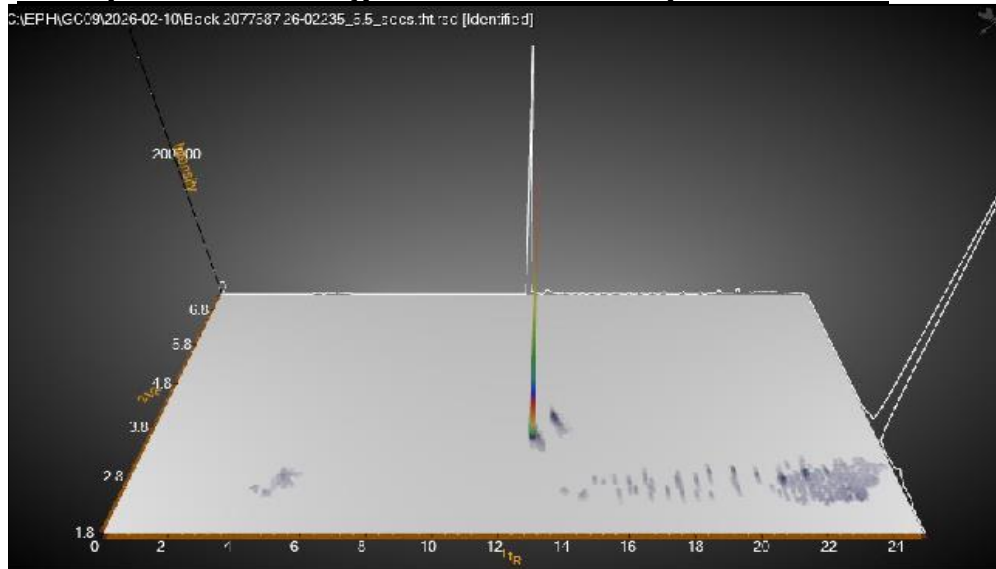
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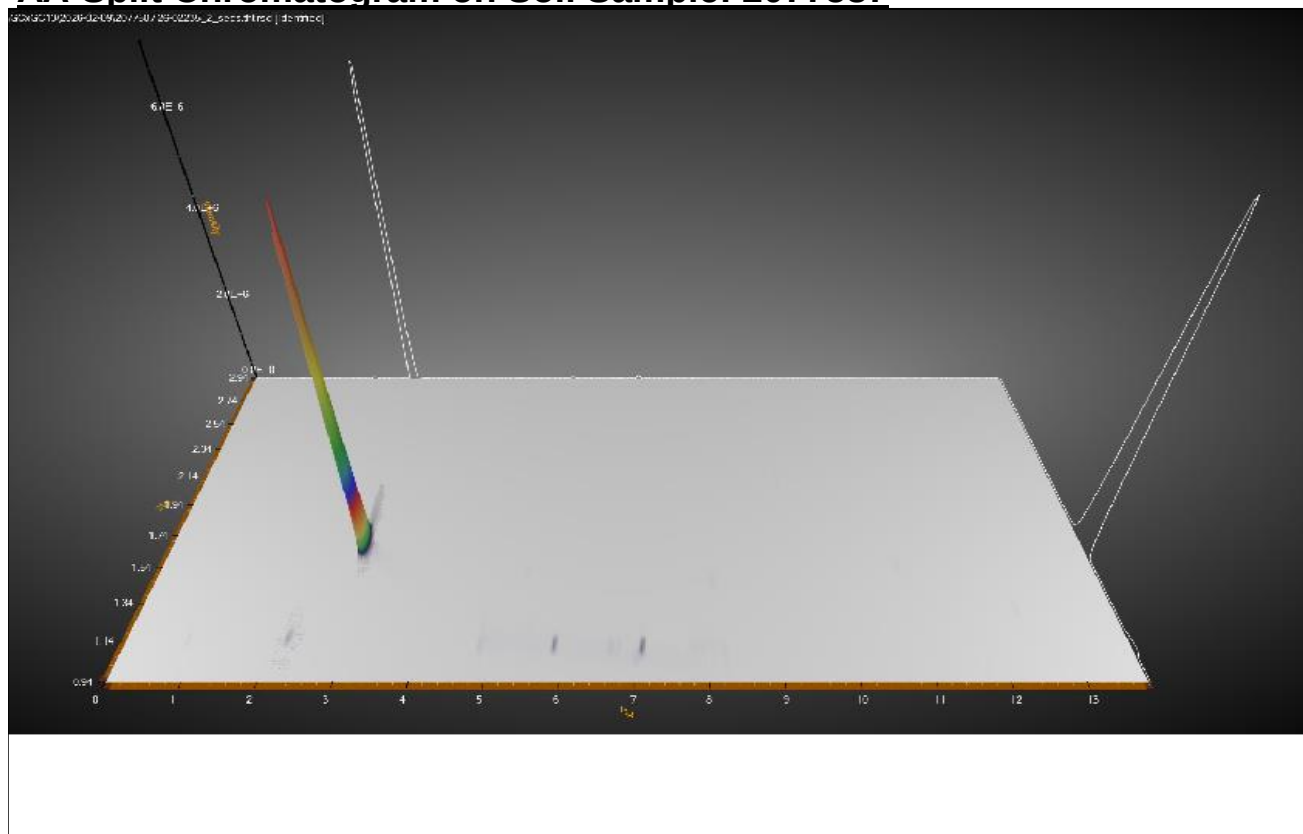
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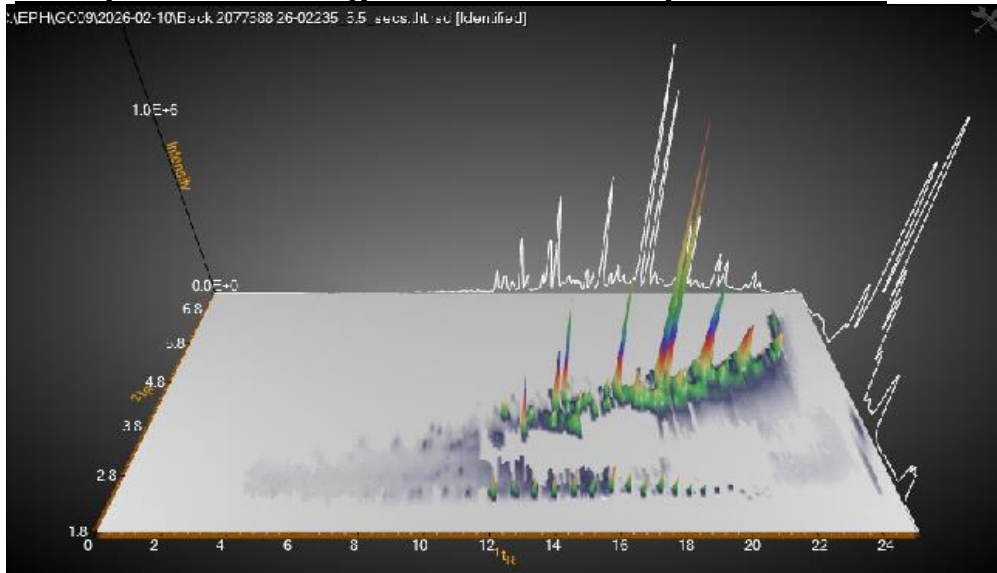
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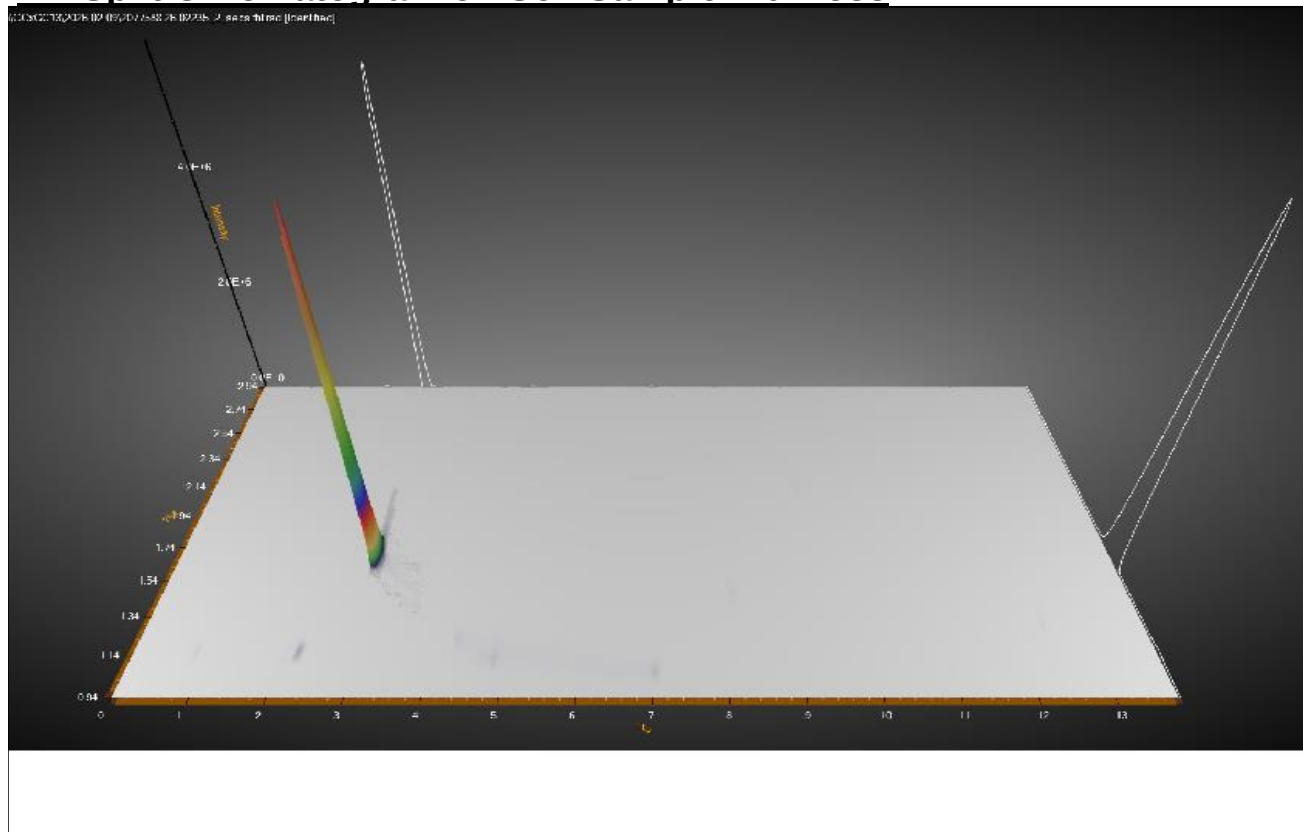
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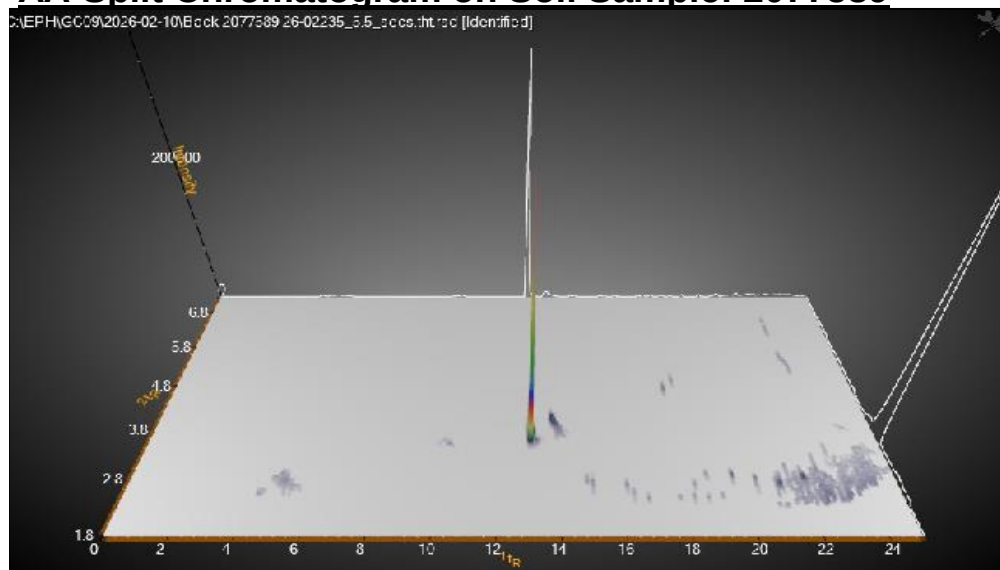
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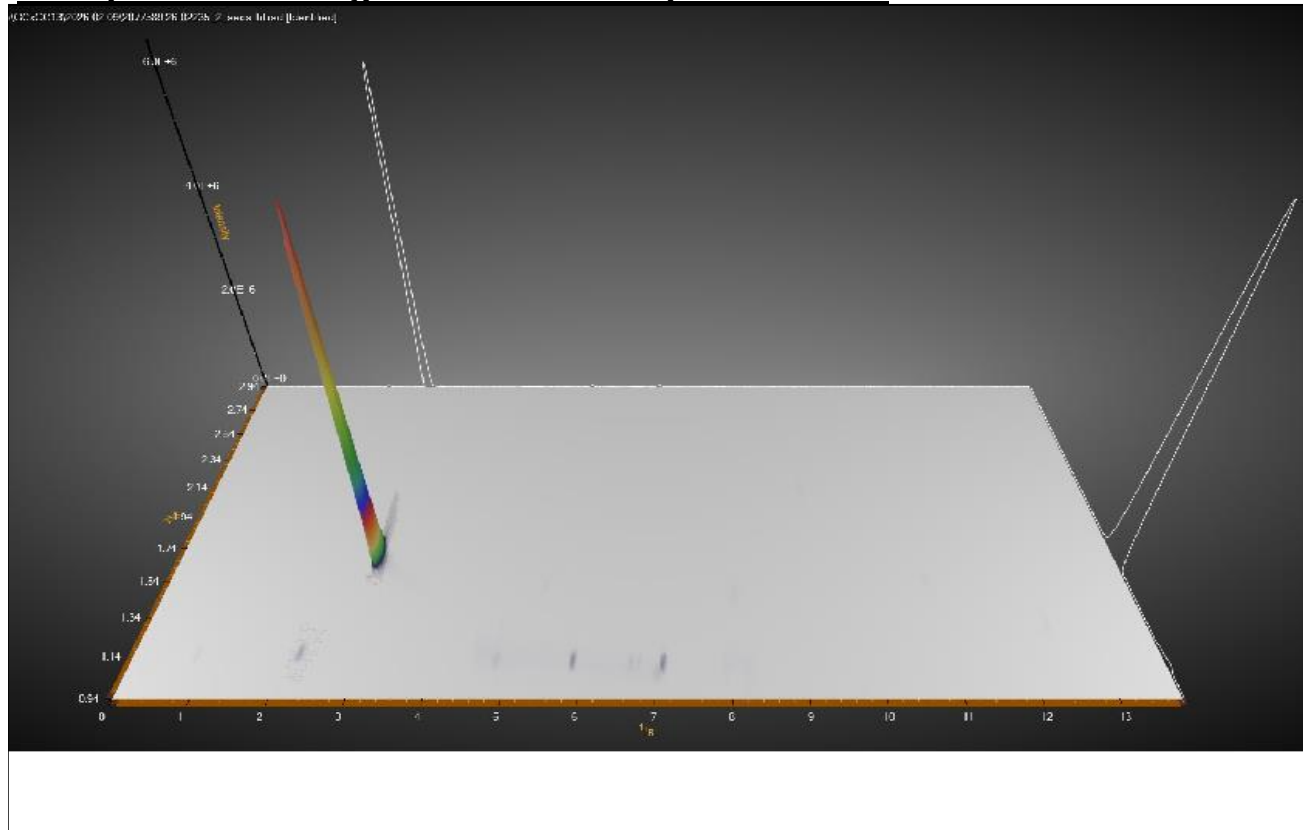
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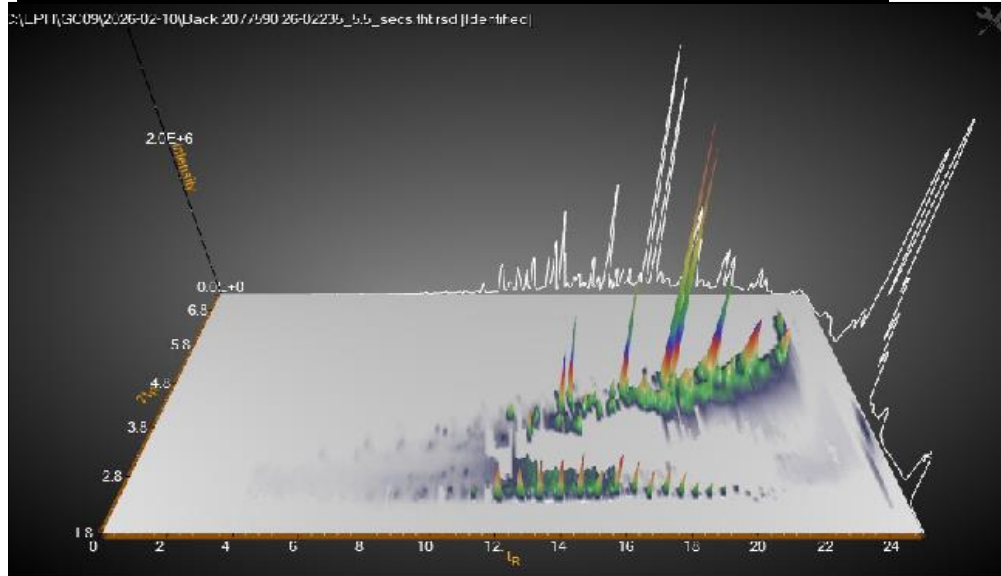
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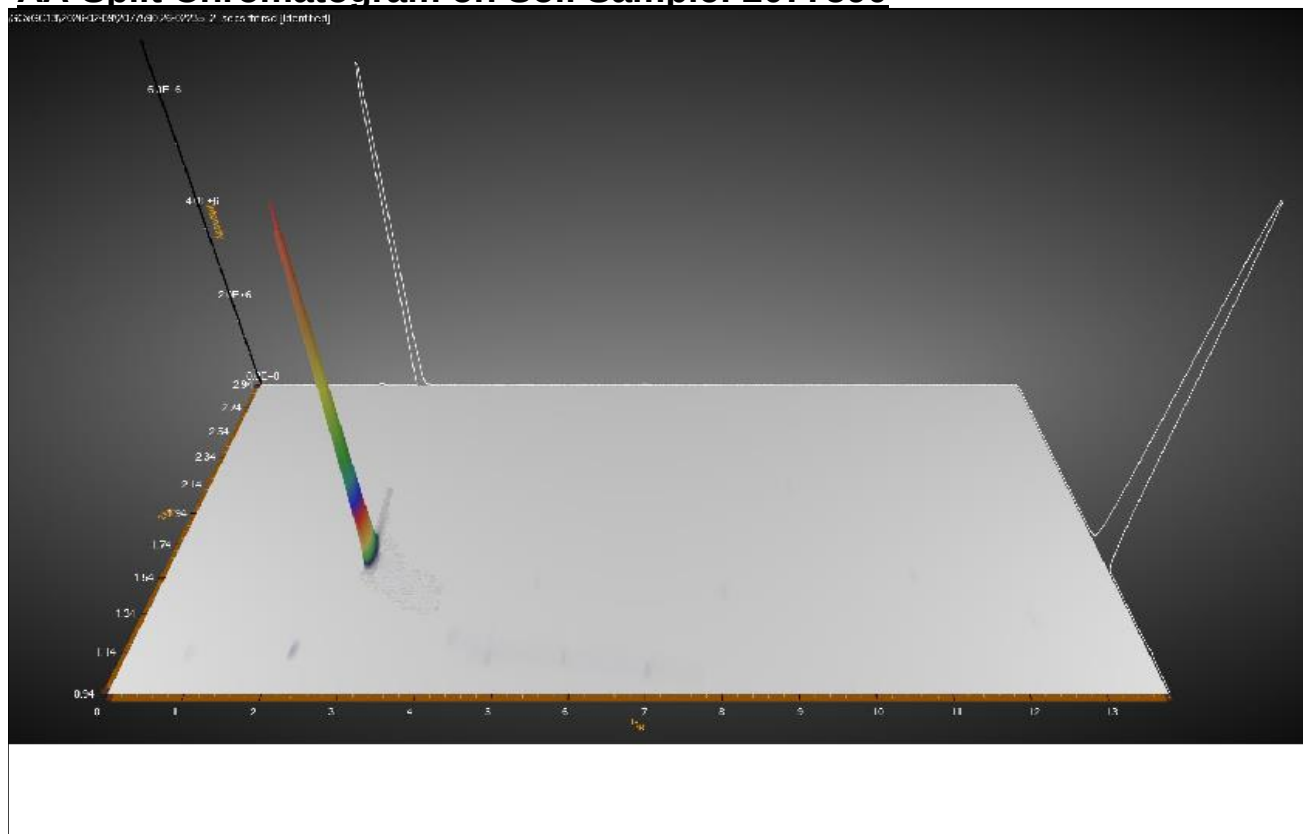
AA-Split Chromatogram on Soil Sample: 2077589



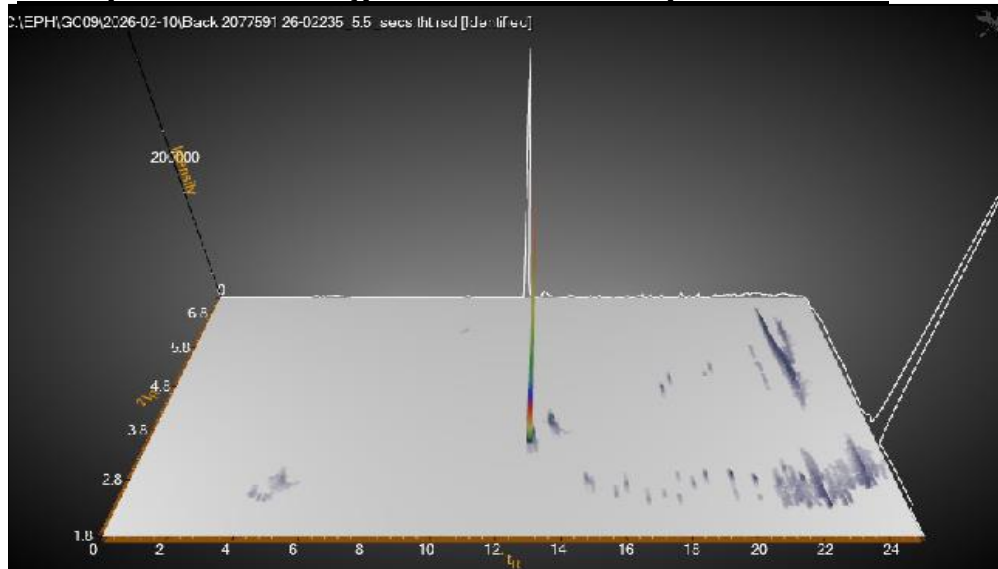
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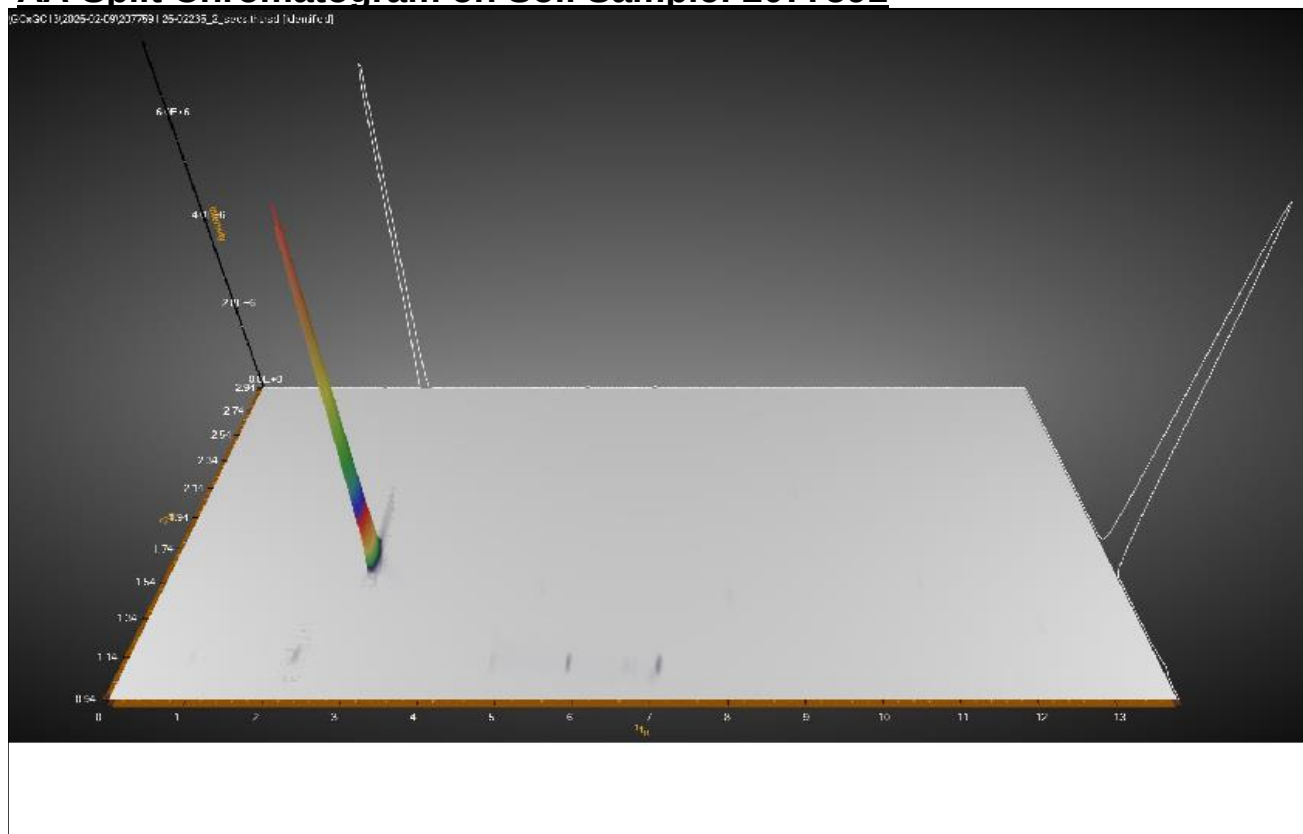
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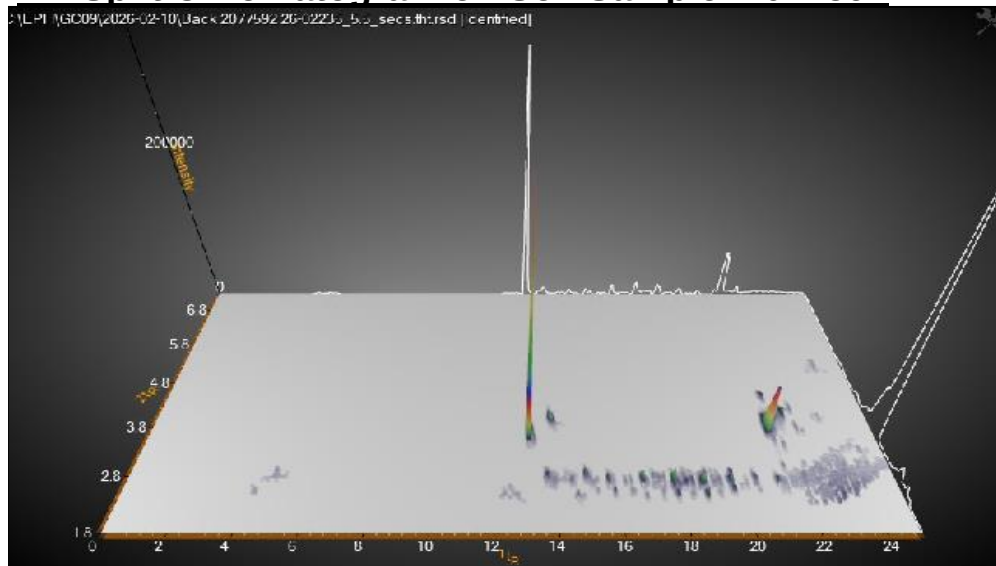
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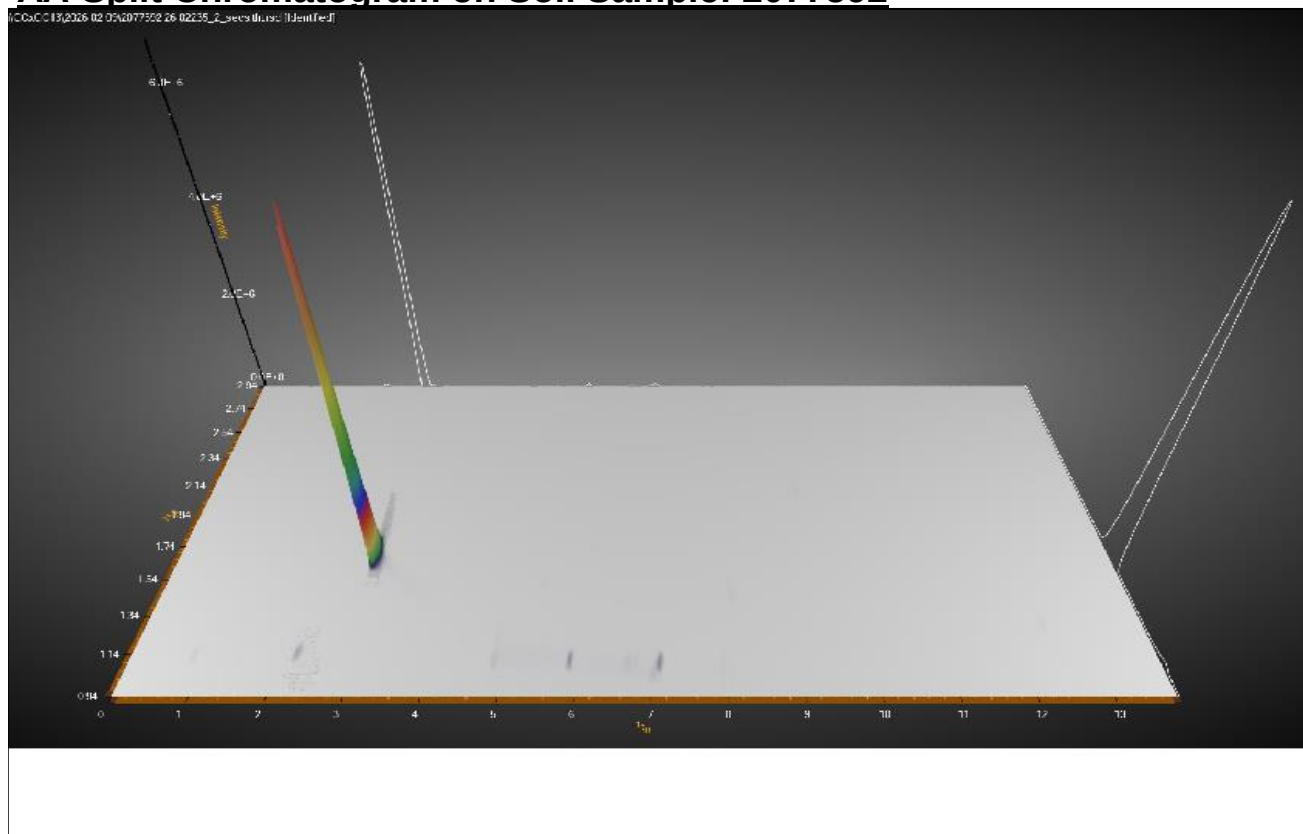
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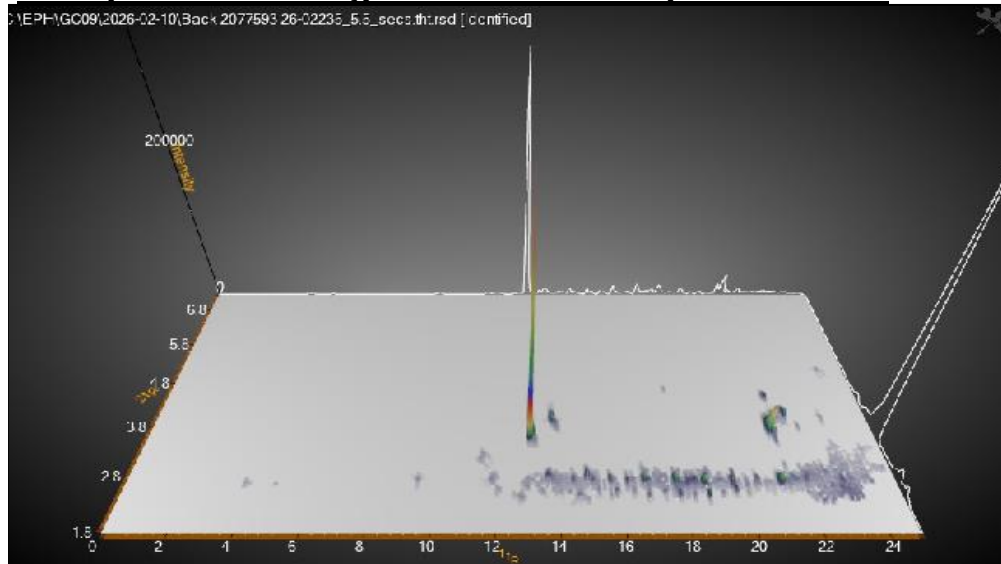
AA-Split Chromatogram on Soil Sample: 2077592



AA-Split Chromatogram on Soil Sample: 2077592

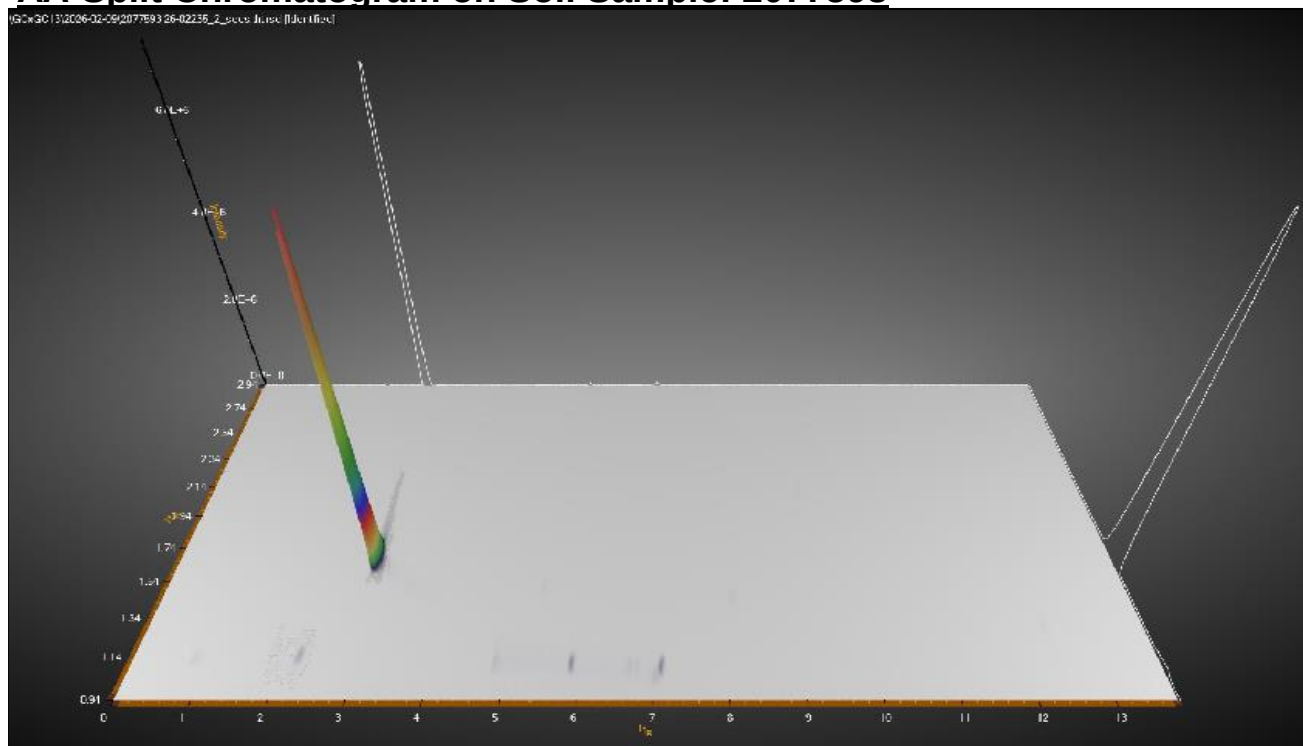


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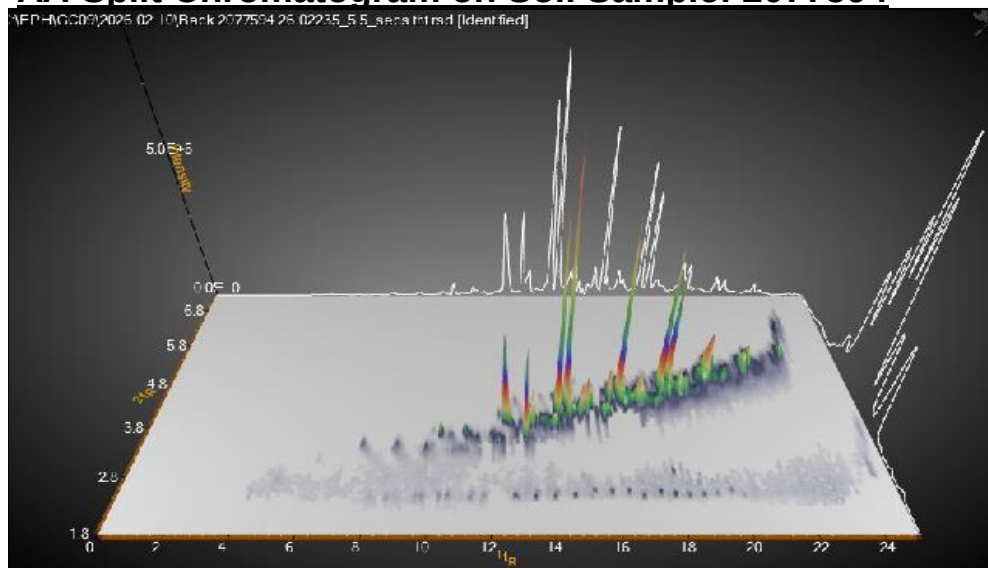


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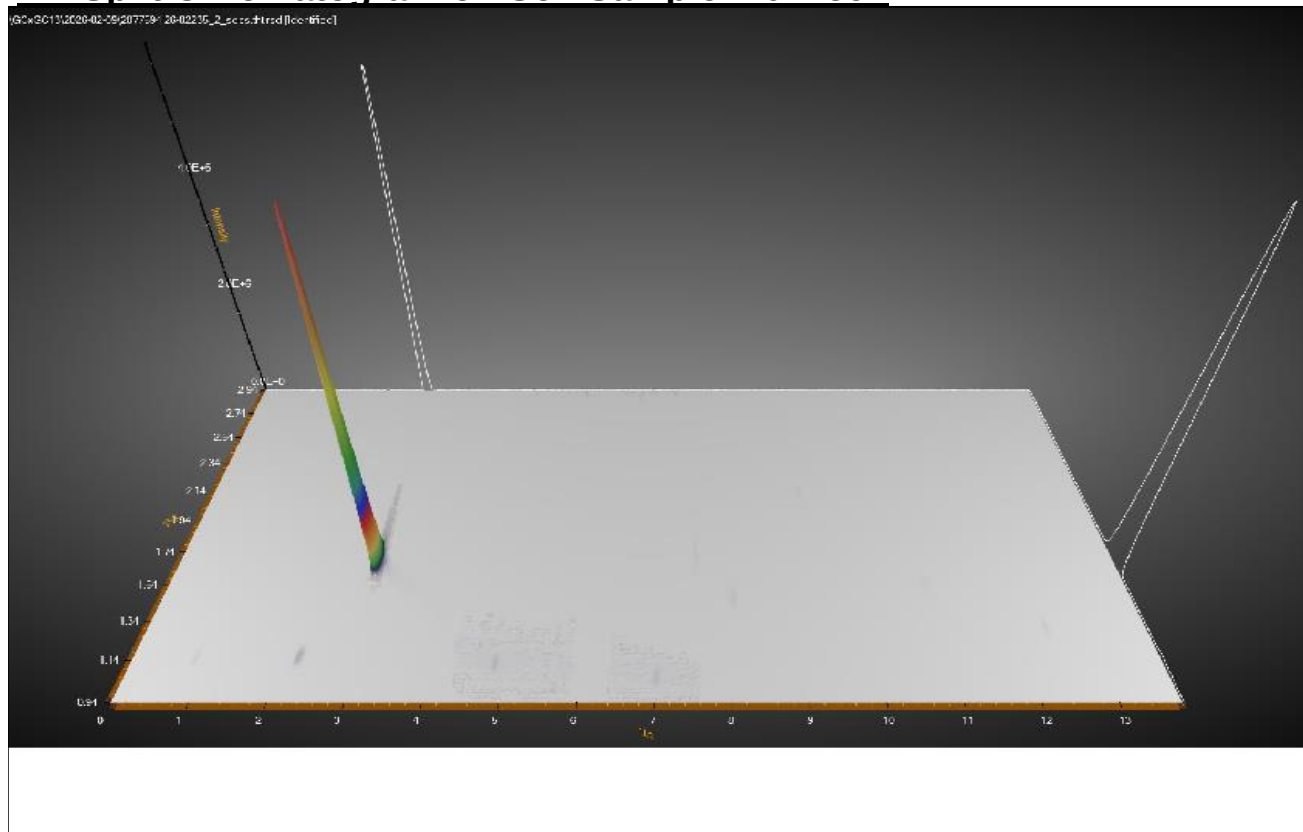
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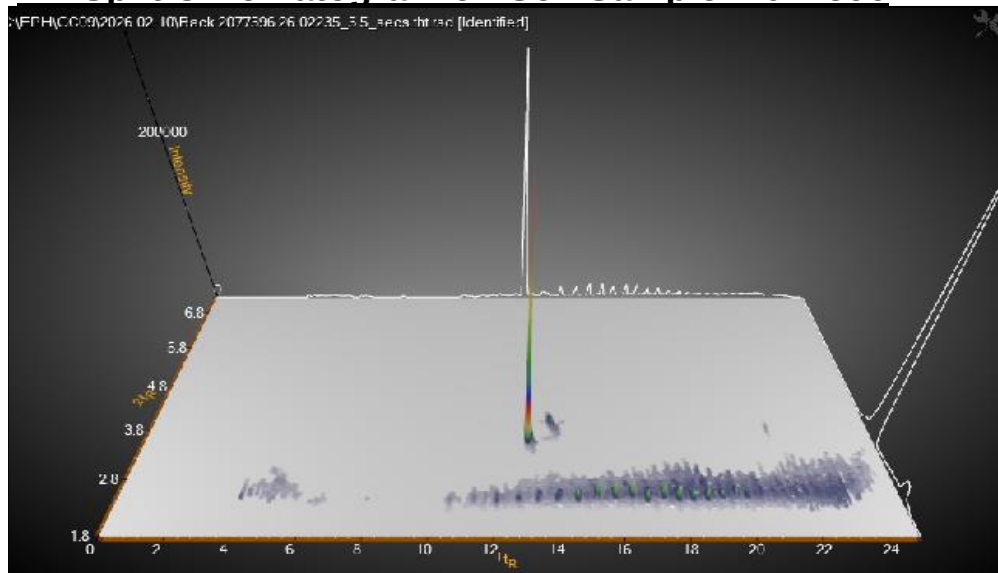
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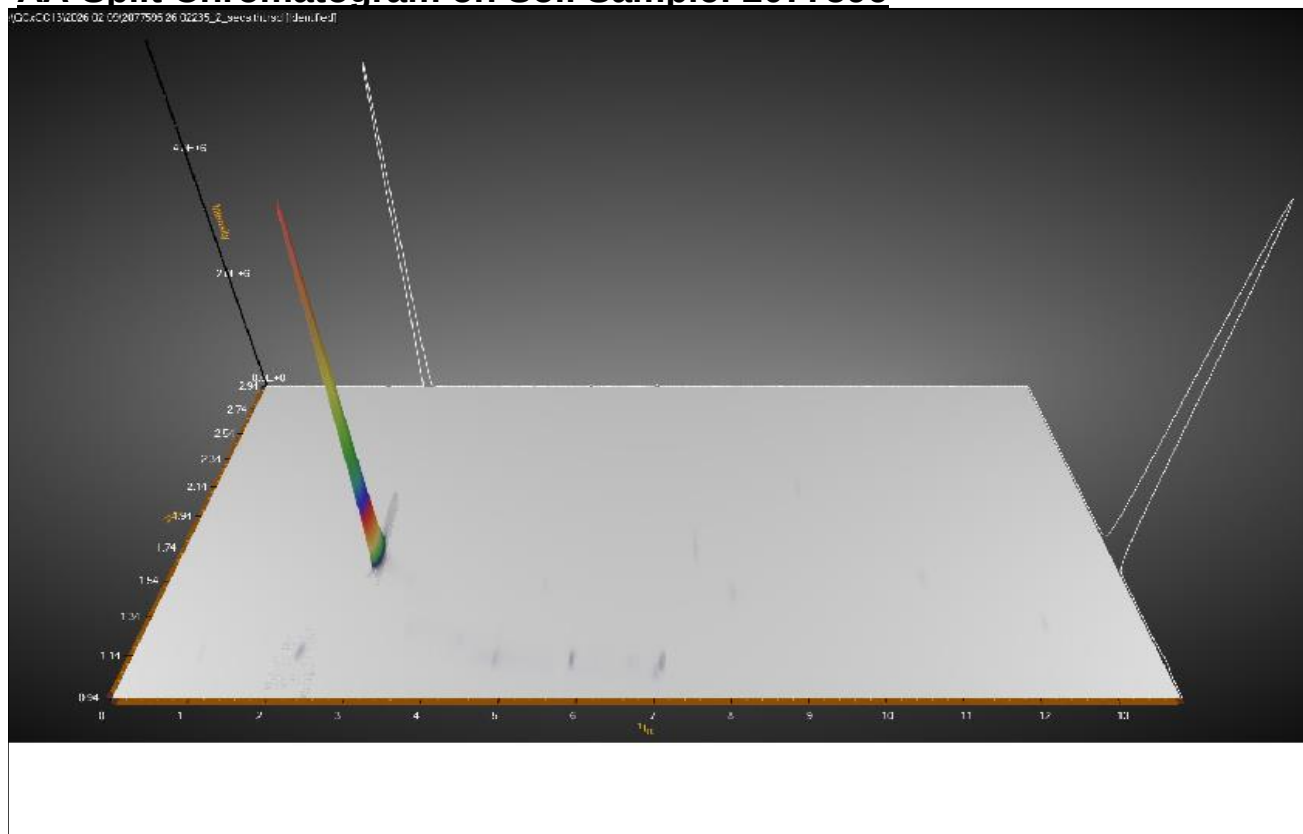
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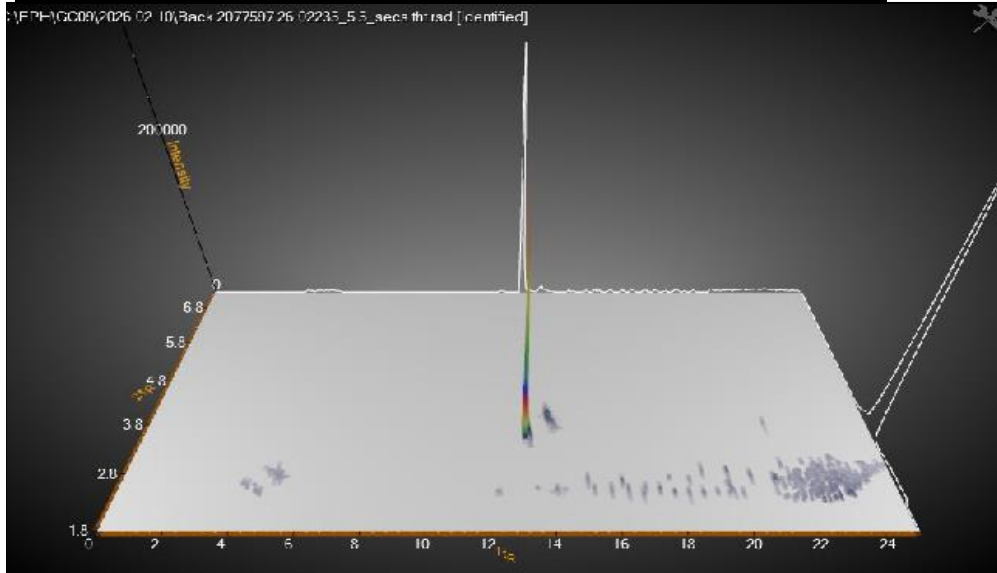
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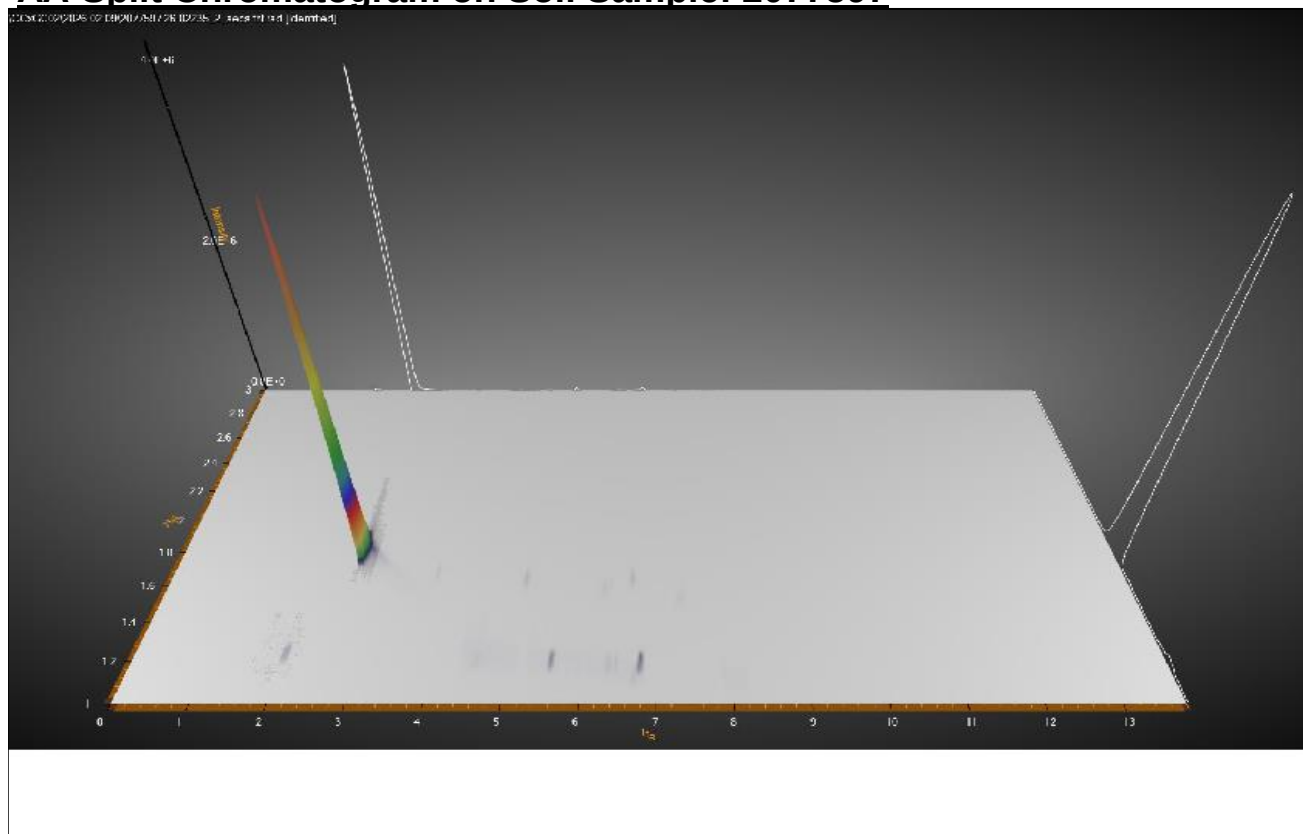
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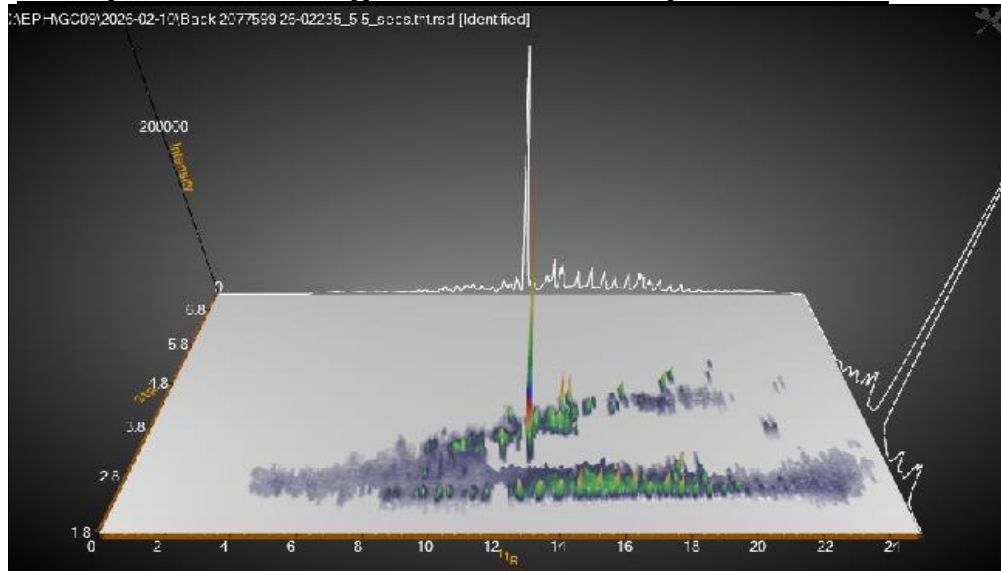
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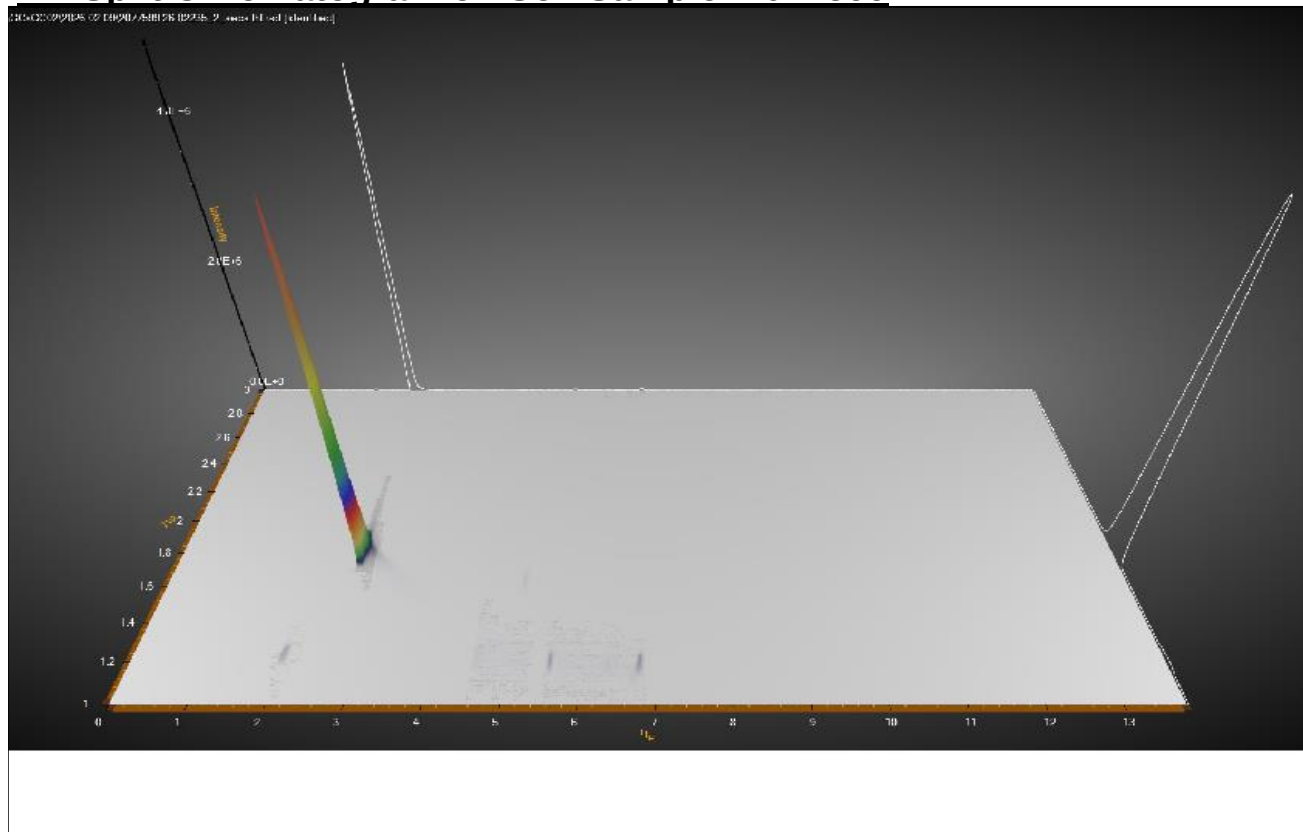
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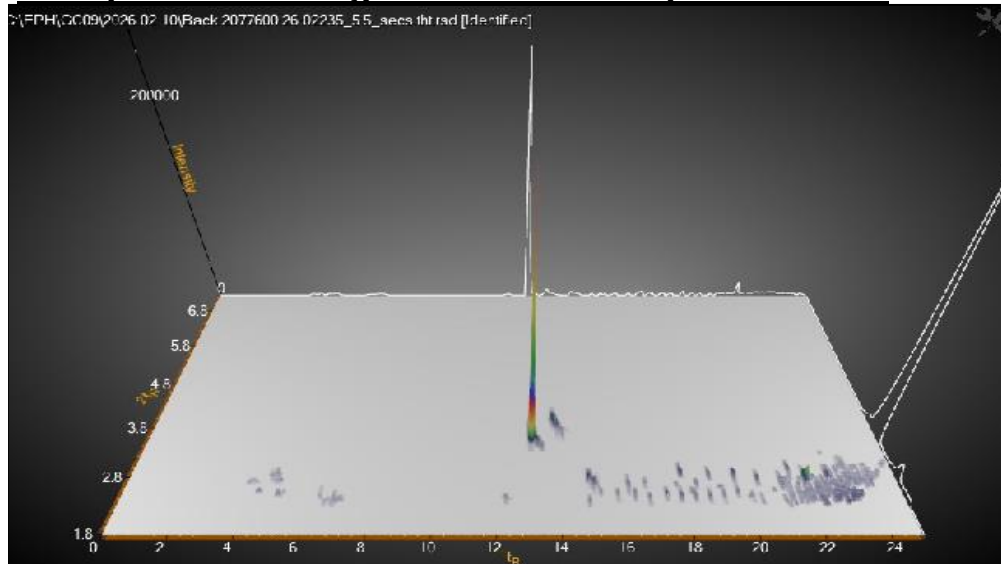
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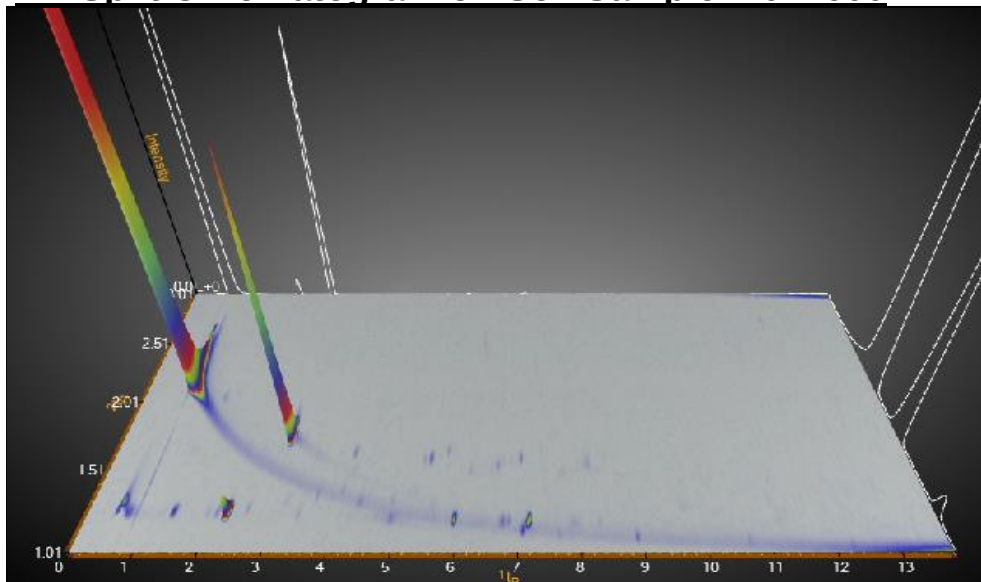
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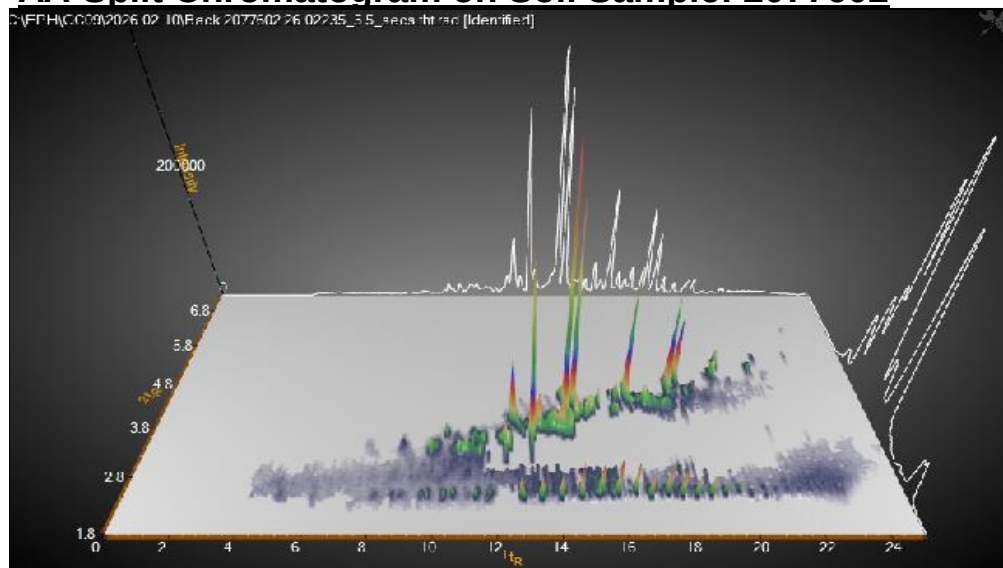
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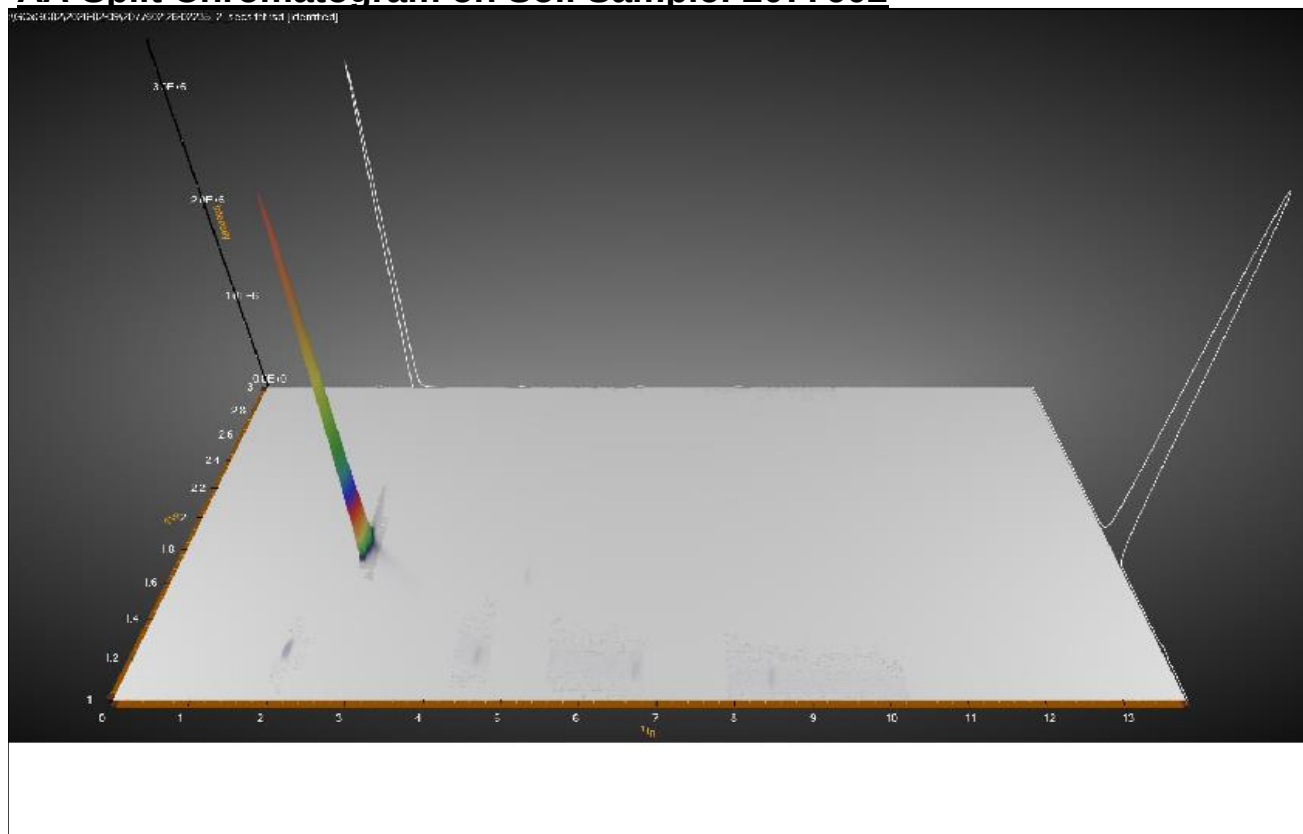
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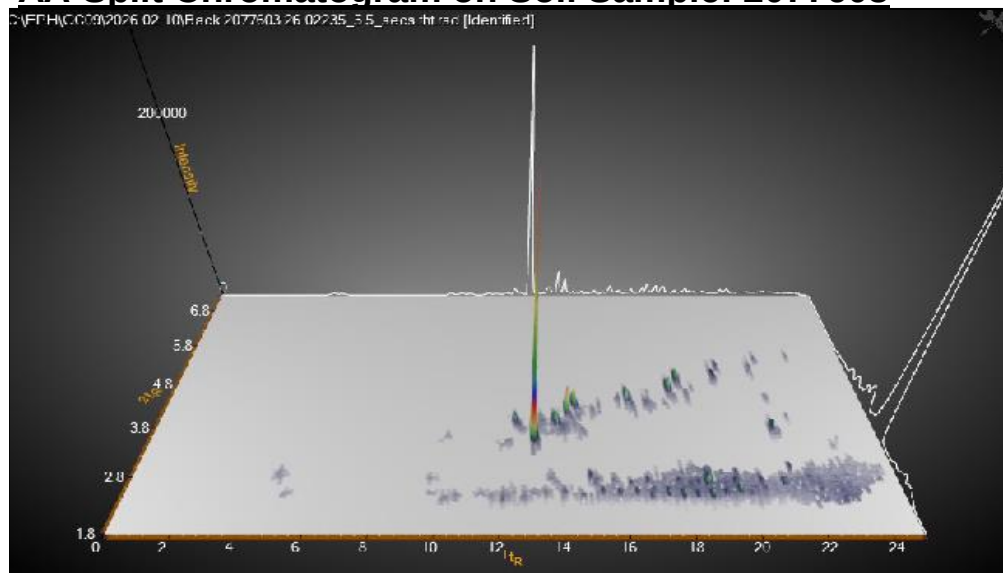
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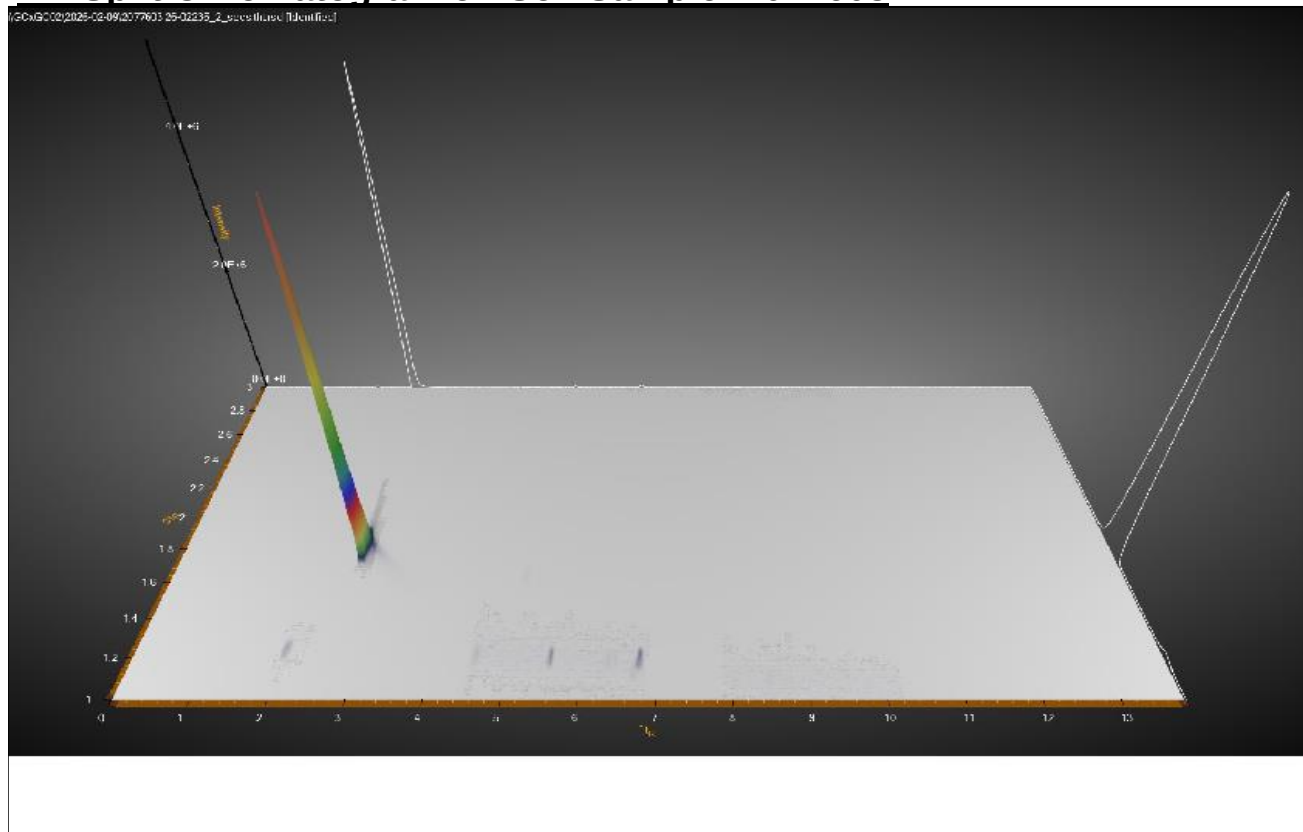
AA-Split Chromatogram on Soil Sample: 2077602



AA-Split Chromatogram on Soil Sample: 2077603



AA-Split Chromatogram on Soil Sample: 2077603



Results - Single Stage WAC

Project: C4884 Moorgate Point, Knowsley

Chemtest Job No: 26-02235						Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 2077586						Limits		
Sample Ref:						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID:								
Client Reference: TP201d								
Top Depth(m): 0.35								
Bottom Depth(m):								
Sampling Date: 22-Jan-2026								
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		M	%	1.5	3	5	6
Loss On Ignition	2610		M	%	3.5	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	25	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	7.1	100	--	--
pH at 20C	2010		M		11.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.013	0.13	0.5	2	25
Barium	1455		U	0.009	0.087	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0010	0.010	0.5	10	70
Copper	1455		U	0.0076	0.076	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.013	0.13	0.5	10	30
Nickel	1455		U	0.0014	0.014	0.4	10	40
Lead	1455		U	0.018	0.18	0.5	10	50
Antimony	1455		U	0.0057	0.057	0.06	0.7	5
Selenium	1455		U	0.0009	0.0093	0.1	0.5	7
Zinc	1455		U	0.004	0.043	4	50	200
Chloride	1220		U	39	390	800	15000	25000
Fluoride	1220		U	0.39	3.9	10	150	500
Sulphate	1220		U	16	160	1000	20000	50000
Total Dissolved Solids	1020		N	250	2500	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.7	57	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12
WAC Sample Weight	2295

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: C4884 Moorgate Point, Knowsley

Chemtest Job No: 26-02235						Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 2077591						Limits		
Sample Ref:						Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID:								
Client Reference: TP201f								
Top Depth(m): 0.70								
Bottom Depth(m):								
Sampling Date: 22-Jan-2026								
Determinand	SOP	HWOL Code	Accred.	Units				
Total Organic Carbon	2625		M	%	< 0.20	3	5	6
Loss On Ignition	2610		M	%	1.6	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.05	1	--	--
WAC Total C10-C40	5002	EH_2D_Total_#1	N	mg/kg	< 10	500	--	--
Total (Of 17) PAH's	5003		N	mg/kg	0.1	100	--	--
pH at 20C	2010		M		9.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0040	--	To evaluate	To evaluate
Eluate Analysis				10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455		U	0.0014	0.014	0.5	2	25
Barium	1455		U	0.006	0.062	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0040	0.040	0.5	10	70
Copper	1455		U	0.0014	0.014	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0003	0.0026	0.5	10	30
Nickel	1455		U	0.0029	0.029	0.4	10	40
Lead	1455		U	0.0007	0.0071	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.004	0.045	4	50	200
Chloride	1220		U	3.2	32	800	15000	25000
Fluoride	1220		U	0.12	1.2	10	150	500
Sulphate	1220		U	1.1	11	1000	20000	50000
Total Dissolved Solids	1020		N	280	2800	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	< 2.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	7.8
WAC Sample Weight	2020

Waste Acceptance Criteria

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

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity at 25°C and Total Dissolved Solids (TDS) in Waters	Conductivity Meter	
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	PL LE GW
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation	PL SW GW
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	PL GW
2010	pH Value of Soils	pH at 20°C	pH Meter	
2015	Acid Neutralisation Capacity	Acid Reserve	Titration	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection	
2192	Asbestos Quantification in Soils Sediments Ballast & Aggregate Crushed Concrete & Demolition Rubble	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.	
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazine.	
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8–C10 Aromatics: >C5–C7,>C7–C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS. Reported PCB 101 results may contain contributions from PCB 90 due to inseparable chromatography.	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	
5001	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C10-C40); optional carbon banding, e.g. 4-band DRO >C10-12, >C12-16, >C16-21 and >C21-35	Hexane/Acetone extraction / GC-FID	
5002	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Hexane extraction / GCxGC FID detection	
5003	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Hexane / Acetone extraction GC-MS	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	
650	Characterisation of Waste (Leaching C2,C8,C10,WAC)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	

Report Information

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

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

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

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

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

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

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

All results are expressed on a dry weight basis.

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

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

All Asbestos testing is performed at the indicated laboratory .

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

Where analysis is performed on a dried and crushed sample, it has been prepared by crushing all of the sample. If material has been removed prior to crushing, or by request of the client, this will be stated on the report.

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

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

Sample Deviation Codes

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

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - The required amount of sample for analysis was not received
- H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

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

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

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

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

Clean Up Codes

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

HWOL Acronym System

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

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
cs@etuki.eurofins.com

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)



AIASM-GJSD1-1WD9C

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

HWOL_26-02235-20260217 183557

Description/Comments

General Suite of Contaminants

Project

C4884

Site

Moorgate Point

Classified by

Company:
HSP Consulting Engineers Limited
HSP Consulting Engineers
6 Bennetts Hill
Birmingham
B2 5ST

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:

CERTIFIED

Course

Hazardous Waste Classification

Date

08 Feb 2024

Next 3 year Refresher due by Feb 2027

Purpose of classification

2 - Material Characterisation

Address of the waste

Moorgate Road North, Knowsley

Post Code **L33 7XW**

SIC for the process giving rise to the waste

41100 Development of building projects

Description of industry/producer giving rise to the waste

Development of Commercial Units

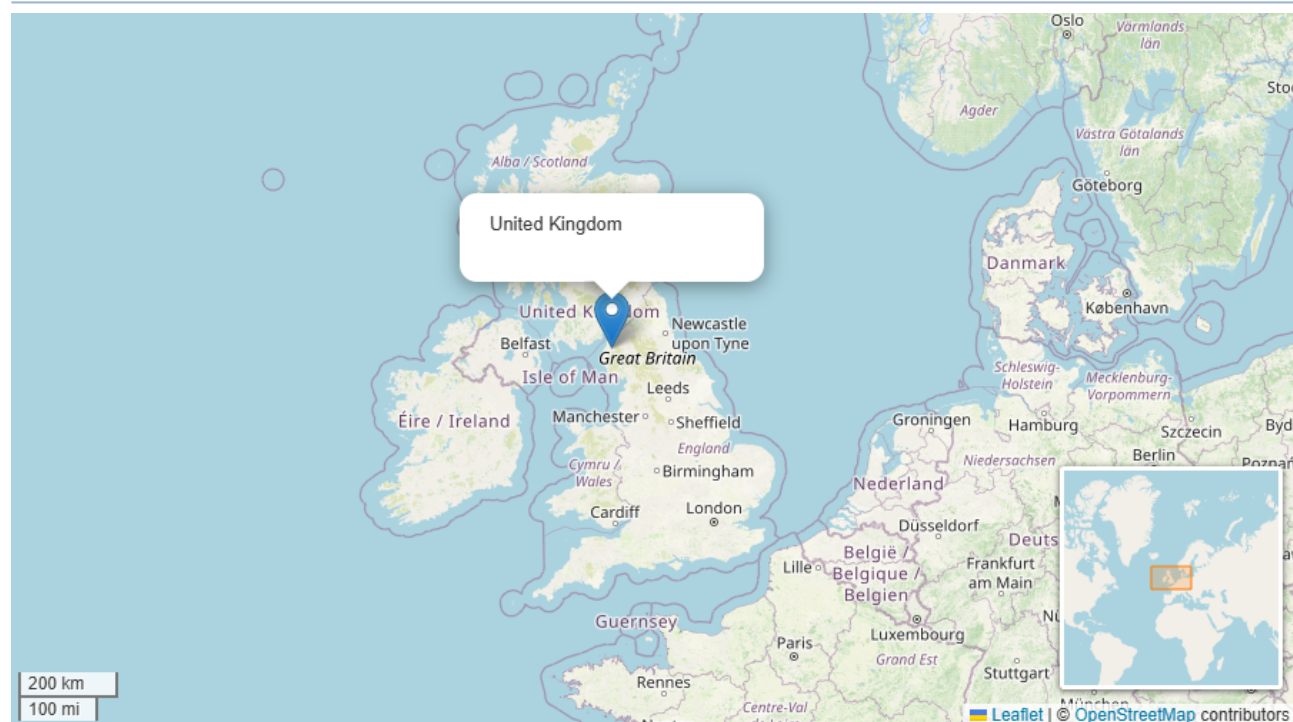
Description of the specific process, sub-process and/or activity that created the waste

Waste created during the excavation of ground for foundations

Description of the waste

Made Ground and Natural Soils

Waste Location



Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP201a-2077581-0.05	0.05	Non Hazardous	HP 7, HP 11	3
2	TP201b-2077582-0.35	0.35	Non Hazardous		6
3	TP201b-2077583-0.70	0.70	Non Hazardous		8
4	TP201c-2077584-0.35	0.35	Non Hazardous		9
5	TP201c-2077585-0.65	0.65	Non Hazardous		11
6	TP201d-2077586-0.35	0.35	Non Hazardous		12
7	TP201d-2077587-0.70	0.70	Non Hazardous		15
8	TP201e-2077588-0.35	0.35	Non Hazardous		16
9	TP201e-2077589-0.60	0.60	Non Hazardous		18
10	TP201f-2077590-0.35	0.35	Hazardous		19
11	TP201f-2077591-0.70	0.70	Non Hazardous		21
12	TP201g-2077592-0.70	0.70	Non Hazardous		24
13	TP201g-2077593-0.90	0.90	Non Hazardous		26
14	WS202-2077594-0.20	0.20	Non Hazardous		28
15	WS204-2077596-0.35	0.35	Non Hazardous		31
16	WS204-2077597-0.60	0.60	Non Hazardous		34
17	WS206-2077599-0.30	0.30	Non Hazardous		37
18	WS206-2077600-0.45	0.45	Non Hazardous		40
19	WS207-2077602-0.30	0.30	Non Hazardous		43
20	WS207-2077603-0.55	0.55	Non Hazardous		46

Related documents

#	Name	Description
1	HWOL_26-02235-20260217 183557.hwol	Eurofins Chemtest .hwol file used to populate the Job
2	HSP General Contamination Suite	waste stream template used to create this Job

Report

Created by: Timothy Gilbraith

Created date: 18 Feb 2026 12:44 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	49
Appendix B: Rationale for selection of metal species	50
Appendix C: Version	51

Classification of sample: TP201a-2077581-0.05

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

Sample details

Sample name:	LoW Code:
TP201a-2077581-0.05	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.05 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
24%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 24% Wet 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	pH				8.2 pH		8.2 pH	8.2 pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				7.7 mg/kg	1.32	7.727 mg/kg	0.000773 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				0.46 mg/kg	3.22	1.126 mg/kg	0.000113 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				17 mg/kg	1.462	18.883 mg/kg	0.00189 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				18 mg/kg	1.252	17.124 mg/kg	0.00171 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.5 mg/kg	1.884	0.716 mg/kg	0.0000716 %	✓	
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	19 mg/kg		14.44 mg/kg	0.00144 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	080-002-00-6									
12	nickel { nickel(II) carbonate }				<0.5 mg/kg	2.022	<1.011 mg/kg	<0.000101 %		<LOD
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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									
		265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]									
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.38	mg/kg	1.405	0.406	mg/kg	0.0000406 %	✓	
	034-002-00-8											
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	35.275	mg/kg	0.00353 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
15	zinc { zinc oxide }				53	mg/kg	1.245	50.137	mg/kg	0.00501 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
16	naphthalene				0.07	mg/kg		0.0532	mg/kg	0.00000532 %	✓	
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				0.26	mg/kg		0.198	mg/kg	0.0000198 %	✓	
		205-917-1	208-96-8									
18	acenaphthene				0.23	mg/kg		0.175	mg/kg	0.0000175 %	✓	
		201-469-6	83-32-9									
19	fluorene				0.14	mg/kg		0.106	mg/kg	0.0000106 %	✓	
		201-695-5	86-73-7									
20	phenanthrene				3.3	mg/kg		2.508	mg/kg	0.000251 %	✓	
		201-581-5	85-01-8									
21	anthracene				1.6	mg/kg		1.216	mg/kg	0.000122 %	✓	
		204-371-1	120-12-7									
22	fluoranthene				25	mg/kg		19	mg/kg	0.0019 %	✓	
		205-912-4	206-44-0									
23	pyrene				26	mg/kg		19.76	mg/kg	0.00198 %	✓	
		204-927-3	129-00-0									
24	benz[a]anthracene				17	mg/kg		12.92	mg/kg	0.00129 %	✓	
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				19	mg/kg		14.44	mg/kg	0.00144 %	✓	
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				39	mg/kg		29.64	mg/kg	0.00296 %	✓	
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				14	mg/kg		10.64	mg/kg	0.00106 %	✓	
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				28	mg/kg		21.28	mg/kg	0.00213 %	✓	
	601-032-00-3	200-028-5	50-32-8									
29	indeno[123-cd]pyrene				22	mg/kg		16.72	mg/kg	0.00167 %	✓	
		205-893-2	193-39-5									
30	dibenz[a,h]anthracene				3.8	mg/kg		2.888	mg/kg	0.000289 %	✓	
	601-041-00-2	200-181-8	53-70-3									
31	benzo[ghi]perylene				22	mg/kg		16.72	mg/kg	0.00167 %	✓	
		205-883-8	191-24-2									
32	TPH (C6 to C40) petroleum group				770	mg/kg		585.2	mg/kg	0.0585 %	✓	
			TPH									
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
34	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
35	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
36	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
37	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
38	monohydric phenols				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			P1186									

#		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							
Total:									0.0899 %		

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0585%)

Classification of sample: TP201b-2077582-0.35

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

Sample details

Sample name:	LoW Code:
TP201b-2077582-0.35	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.35 m	
Moisture content:	
18%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% Wet 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	TPH (C6 to C40) petroleum group				76 mg/kg		62.32 mg/kg	0.00623 %	✔	
			TPH							
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
3	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
5	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
Total:								0.00623 %		

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)
<LOD	Below limit of detection

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00623%)

Classification of sample: TP201b-2077583-0.70



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

Sample details

Sample name:	LoW Code:
TP201b-2077583-0.70	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.70 m	
Moisture content:	
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet 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	●	TPH (C6 to C40) petroleum group				<10.5 mg/kg		<10.5 mg/kg	<0.00105 %		<LOD
				TPH							
2		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
3		benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
4		toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
5	●	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4							
6		xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		601-022-00-9	202-422-2 [1]	95-47-6 [1]							
			203-396-5 [2]	106-42-3 [2]							
			203-576-3 [3]	108-38-3 [3]							
			215-535-7 [4]	1330-20-7 [4]							
Total:									0%		

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)
<LOD	Below limit of detection

Classification of sample: TP201c-2077584-0.35

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

Sample details

Sample name:	LoW Code:
TP201c-2077584-0.35	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.35 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet 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	TPH (C6 to C40) petroleum group				150 mg/kg		129 mg/kg	0.0129 %	✓	
			TPH							
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
3	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
5	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
Total:								0.0129 %		

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)
<LOD	Below limit of detection

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0129%)

Classification of sample: TP201c-2077585-0.65

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

Sample details

Sample name:	LoW Code:
TP201c-2077585-0.65	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.65 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet 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	●	TPH (C6 to C40) petroleum group				<10.5 mg/kg		<10.5 mg/kg	<0.00105 %		<LOD
				TPH							
2		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
3		benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
4		toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
5	●	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4							
6		xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		601-022-00-9	202-422-2 [1]	95-47-6 [1]							
			203-396-5 [2]	106-42-3 [2]							
			203-576-3 [3]	108-38-3 [3]							
			215-535-7 [4]	1330-20-7 [4]							
Total:								0%			

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)
<LOD	Below limit of detection

Classification of sample: TP201d-2077586-0.35

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

Sample details

Sample name:	LoW Code:
TP201d-2077586-0.35	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.35 m	
Moisture content:	
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet 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	pH		PH		11.1 pH		11.1 pH	11.1 pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				7.9 mg/kg	1.32	9.075 mg/kg	0.000907 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				0.89 mg/kg	3.22	2.493 mg/kg	0.000249 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				0.23 mg/kg	1.142	0.229 mg/kg	0.0000229 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				13 mg/kg	1.462	16.53 mg/kg	0.00165 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				26 mg/kg	1.252	28.315 mg/kg	0.00283 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	460 mg/kg		400.2 mg/kg	0.04 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	0.18 mg/kg		0.157 mg/kg	0.0000157 %	✓	
	080-002-00-6									
12	nickel { nickel(II) carbonate }				3.8 mg/kg	2.022	6.686 mg/kg	0.000669 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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									
			265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]									
13		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.38	mg/kg	1.405	0.464	mg/kg	0.0000464 %	✓	
		034-002-00-8											
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				22	mg/kg	1.785	34.168	mg/kg	0.00342 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				150	mg/kg	1.245	162.435	mg/kg	0.0162 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
16		naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				0.07	mg/kg		0.0609	mg/kg	0.00000609 %	✓	
			201-469-6	83-32-9									
19		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				0.48	mg/kg		0.418	mg/kg	0.0000418 %	✓	
			201-581-5	85-01-8									
21		anthracene				0.19	mg/kg		0.165	mg/kg	0.0000165 %	✓	
			204-371-1	120-12-7									
22		fluoranthene				1.1	mg/kg		0.957	mg/kg	0.0000957 %	✓	
			205-912-4	206-44-0									
23		pyrene				1	mg/kg		0.87	mg/kg	0.000087 %	✓	
			204-927-3	129-00-0									
24		benz[a]anthracene				0.5	mg/kg		0.435	mg/kg	0.0000435 %	✓	
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				0.56	mg/kg		0.487	mg/kg	0.0000487 %	✓	
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				0.96	mg/kg		0.835	mg/kg	0.0000835 %	✓	
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				0.33	mg/kg		0.287	mg/kg	0.0000287 %	✓	
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				0.64	mg/kg		0.557	mg/kg	0.0000557 %	✓	
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				0.53	mg/kg		0.461	mg/kg	0.0000461 %	✓	
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				0.09	mg/kg		0.0783	mg/kg	0.00000783 %	✓	
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				0.54	mg/kg		0.47	mg/kg	0.000047 %	✓	
			205-883-8	191-24-2									
32		TPH (C6 to C40) petroleum group				69	mg/kg		60.03	mg/kg	0.006 %	✓	
				TPH									
33		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
34		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
35		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
36		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
37		xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
38		monohydric phenols				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
				P1186									

#		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							
Total:									0.0727 %		

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.006%)

Classification of sample: TP201d-2077587-0.70

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

Sample details

Sample name:	LoW Code:
TP201d-2077587-0.70	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.70 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% Wet 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	●	TPH (C6 to C40) petroleum group				<10.5 mg/kg		<10.5 mg/kg	<0.00105 %		<LOD
				TPH							
2		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
3		benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
4		toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
5	●	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4							
6		xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		601-022-00-9	202-422-2 [1]	95-47-6 [1]							
			203-396-5 [2]	106-42-3 [2]							
			203-576-3 [3]	108-38-3 [3]							
			215-535-7 [4]	1330-20-7 [4]							
Total:								0%			

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)
<LOD	Below limit of detection

Classification of sample: TP201e-2077588-0.35

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

Sample details

Sample name:	LoW Code:
TP201e-2077588-0.35	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.35 m	
Moisture content:	
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet 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	TPH (C6 to C40) petroleum group				540 mg/kg		464.4 mg/kg	0.0464 %	✔	
			TPH							
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
3	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
5	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
Total:								0.0464 %		

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)
<LOD	Below limit of detection

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0464%)

Classification of sample: TP201e-2077589-0.60

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

Sample details

Sample name:	LoW Code:
TP201e-2077589-0.60	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.60 m	
Moisture content:	
20%	
(wet weight correction)	

Hazard properties

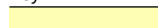
None identified

Determinands

Moisture content: 20% Wet 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	●	TPH (C6 to C40) petroleum group				<10.5 mg/kg		<10.5 mg/kg	<0.00105 %		<LOD
				TPH							
2		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
3		benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
4		toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
5	●	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4							
6		xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		601-022-00-9	202-422-2 [1]	95-47-6 [1]							
			203-396-5 [2]	106-42-3 [2]							
			203-576-3 [3]	108-38-3 [3]							
			215-535-7 [4]	1330-20-7 [4]							
Total:									0%		

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)
<LOD	Below limit of detection

Classification of sample: TP201f-2077590-0.35

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

Sample details

Sample name:	LoW Code:
TP201f-2077590-0.35	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.35 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
11%	
(wet weight correction)	

Hazard properties

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.: 0.107%)

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.: 0.107%)

Determinands

Moisture content: 11% Wet 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	TPH (C6 to C40) petroleum group				1200 mg/kg		1068 mg/kg	0.107 %	✓	
			TPH							
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
3	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
5	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
Total:								0.107 %		

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)
<LOD	Below limit of detection

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 concentration of: 10000 mg/kg (1%)
because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.107%)

Classification of sample: TP201f-2077591-0.70

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

Sample details

Sample name:	LoW Code:
TP201f-2077591-0.70	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.70 m	
Moisture content:	
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet 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	pH				9 pH		9 pH	9pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				4.7 mg/kg	1.32	5.399 mg/kg	0.00054 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	20.345 mg/kg	0.00203 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				3 mg/kg	1.252	3.267 mg/kg	0.000327 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	6.4 mg/kg		5.568 mg/kg	0.000557 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	080-002-00-6									
12	nickel { nickel(II) carbonate }				3.7 mg/kg	2.022	6.51 mg/kg	0.000651 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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									
		265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]									
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.28	mg/kg	1.405	0.342	mg/kg	0.0000342 %	✓	
	034-002-00-8											
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	24.85	mg/kg	0.00248 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
15	zinc { zinc oxide }				9.2	mg/kg	1.245	9.963	mg/kg	0.000996 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
16	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
19	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
20	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
21	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
22	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
24	benz[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				0.06	mg/kg		0.0522	mg/kg	0.00000522 %	✓	
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
29	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
30	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
31	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
32	TPH (C6 to C40) petroleum group				11	mg/kg		9.57	mg/kg	0.000957 %	✓	
			TPH									
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
34	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
35	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
36	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
37	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
38	monohydric phenols				0.11	mg/kg		0.0957	mg/kg	0.00000957 %	✓	
			P1186									

#		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							
Total:									0.0086 %		

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00095%)

Classification of sample: TP201g-2077592-0.70

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

Sample details

Sample name:	LoW Code:
TP201g-2077592-0.70	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.70 m	
Moisture content:	
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet 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	TPH (C6 to C40) petroleum group				16 mg/kg		13.76 mg/kg	0.00138 %	✔	
			TPH							
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
3	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
5	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
Total:								0.00138 %		

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)
<LOD	Below limit of detection

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00138%)

Classification of sample: TP201g-2077593-0.90

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

Sample details

Sample name:	LoW Code:
TP201g-2077593-0.90	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.90 m	
Moisture content:	
16%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16% Wet 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	TPH (C6 to C40) petroleum group				19 mg/kg		15.96 mg/kg	0.0016 %	✔	
			TPH							
2	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
3	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
5	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
Total:								0.0016 %		

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)
<LOD	Below limit of detection

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0016%)

Classification of sample: WS202-2077594-0.20

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

Sample details

Sample name:	LoW Code:
WS202-2077594-0.20	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m	
Moisture content:	
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet 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	 pH			PH		8.5	pH		8.5	pH	8.5 pH		
2	 antimony {  antimony trioxide }					2.1	mg/kg	1.197	2.187	mg/kg	0.000219 %	✓	
	051-005-00-X	215-175-0	1309-64-4										
3	 arsenic {  arsenic trioxide }					16	mg/kg	1.32	18.379	mg/kg	0.00184 %	✓	
	033-003-00-0	215-481-4	1327-53-3										
4	 boron {  diboron trioxide }					0.63	mg/kg	3.22	1.765	mg/kg	0.000176 %	✓	
	005-008-00-8	215-125-8	1303-86-2										
5	 cadmium {  cadmium oxide }					0.23	mg/kg	1.142	0.229	mg/kg	0.0000229 %	✓	
	048-002-00-0	215-146-2	1306-19-0										
6	 chromium in Cr(III) compounds {  chromium(III) oxide (worst case) }					14	mg/kg	1.462	17.802	mg/kg	0.00178 %	✓	
		215-160-9	1308-38-9										
7	 chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }					<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
	024-017-00-8												
8	 copper {  copper(II) oxide }					81	mg/kg	1.252	88.213	mg/kg	0.00882 %	✓	
	029-016-00-6	215-269-1	1317-38-0										
9	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }					<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5												
10	 lead {  lead compounds with the exception of those specified elsewhere in this Annex (worst case) }				1	67	mg/kg		58.29	mg/kg	0.00583 %	✓	
	082-001-00-6												
11	 mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }				1	0.07	mg/kg		0.0609	mg/kg	0.00000609 %	✓	
	080-002-00-6												
12	 nickel {  nickel(II) carbonate }					32	mg/kg	2.022	56.304	mg/kg	0.00563 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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									
			265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]									
13		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.62	mg/kg	1.405	0.758	mg/kg	0.0000758 %	✓	
		034-002-00-8											
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	59.018	mg/kg	0.0059 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				120	mg/kg	1.245	129.948	mg/kg	0.013 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
16		naphthalene				0.73	mg/kg		0.635	mg/kg	0.0000635 %	✓	
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				0.12	mg/kg		0.104	mg/kg	0.0000104 %	✓	
			205-917-1	208-96-8									
18		acenaphthene				1.2	mg/kg		1.044	mg/kg	0.000104 %	✓	
			201-469-6	83-32-9									
19		fluorene				1.1	mg/kg		0.957	mg/kg	0.0000957 %	✓	
			201-695-5	86-73-7									
20		phenanthrene				9.4	mg/kg		8.178	mg/kg	0.000818 %	✓	
			201-581-5	85-01-8									
21		anthracene				2.9	mg/kg		2.523	mg/kg	0.000252 %	✓	
			204-371-1	120-12-7									
22		fluoranthene				17	mg/kg		14.79	mg/kg	0.00148 %	✓	
			205-912-4	206-44-0									
23		pyrene				15	mg/kg		13.05	mg/kg	0.00131 %	✓	
			204-927-3	129-00-0									
24		benz[a]anthracene				7.6	mg/kg		6.612	mg/kg	0.000661 %	✓	
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				6.8	mg/kg		5.916	mg/kg	0.000592 %	✓	
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				8.1	mg/kg		7.047	mg/kg	0.000705 %	✓	
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				3.1	mg/kg		2.697	mg/kg	0.00027 %	✓	
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				6.3	mg/kg		5.481	mg/kg	0.000548 %	✓	
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				3.5	mg/kg		3.045	mg/kg	0.000305 %	✓	
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				0.75	mg/kg		0.653	mg/kg	0.0000653 %	✓	
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				3	mg/kg		2.61	mg/kg	0.000261 %	✓	
			205-883-8	191-24-2									
32		TPH (C6 to C40) petroleum group				290	mg/kg		252.3	mg/kg	0.0252 %	✓	
				TPH									
33		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
34		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
35		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
36		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
37		xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
38		monohydric phenols				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
				P1186									

#		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							
Total:									0.0761 %		

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0252%)

Classification of sample: WS204-2077596-0.35

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

Sample details

Sample name:	LoW Code:
WS204-2077596-0.35	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.35 m	
Moisture content:	
9.2%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.2% Wet 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	pH				8.2 pH		8.2 pH	8.2 pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				7 mg/kg	1.32	8.392 mg/kg	0.000839 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				0.63 mg/kg	3.22	1.842 mg/kg	0.000184 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				0.14 mg/kg	1.142	0.145 mg/kg	0.0000145 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				21 mg/kg	1.462	27.869 mg/kg	0.00279 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				45 mg/kg	1.252	51.148 mg/kg	0.00511 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	33 mg/kg		29.964 mg/kg	0.003 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	080-002-00-6									
12	nickel { nickel(II) carbonate }				22 mg/kg	2.022	40.4 mg/kg	0.00404 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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									
		265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]									
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.38	mg/kg	1.405	0.485	mg/kg	0.0000485 %	✓	
	034-002-00-8											
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				24	mg/kg	1.785	38.903	mg/kg	0.00389 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
15	zinc { zinc oxide }				75	mg/kg	1.245	84.765	mg/kg	0.00848 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
16	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
19	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
20	phenanthrene				0.08	mg/kg		0.0726	mg/kg	0.00000726 %	✓	
		201-581-5	85-01-8									
21	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
22	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
24	benz[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
29	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
30	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
31	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
32	TPH (C6 to C40) petroleum group				30	mg/kg		27.24	mg/kg	0.00272 %	✓	
			TPH									
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
34	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
35	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
36	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
37	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
38	monohydric phenols				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			P1186									

#		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							
Total:									0.0311 %		

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00272%)

Classification of sample: WS204-2077597-0.60

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

Sample details

Sample name:	LoW Code:
WS204-2077597-0.60	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.60 m	
Moisture content:	
12%	
(wet weight correction)	

Hazard properties

None identified

Determinands

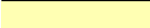
Moisture content: 12% Wet Weight Moisture Correction applied (MC)

#	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	pH		PH		8.4 pH		8.4 pH	8.4 pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				7 mg/kg	1.32	8.133 mg/kg	0.000813 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				37 mg/kg	1.462	47.588 mg/kg	0.00476 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				23 mg/kg	1.252	25.336 mg/kg	0.00253 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13 mg/kg		11.44 mg/kg	0.00114 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	080-002-00-6									
12	nickel { nickel(II) carbonate }				34 mg/kg	2.022	60.511 mg/kg	0.00605 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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							
		265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]							
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.51 mg/kg	1.405	0.631 mg/kg	0.0000631 %	✓	
	034-002-00-8									
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				39 mg/kg	1.785	61.268 mg/kg	0.00613 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
15	zinc { zinc oxide }				55 mg/kg	1.245	60.244 mg/kg	0.00602 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
16	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
19	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
20	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
21	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
22	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
23	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
24	benz[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
25	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
26	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
29	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
30	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
31	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
32	TPH (C6 to C40) petroleum group				<10.5 mg/kg		<10.5 mg/kg	<0.00105 %		<LOD
			TPH							
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
34	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
35	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
36	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
37	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
38	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							

#	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							
Total:								0.0275 %		

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: WS206-2077599-0.30

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

Sample details

Sample name:	LoW Code:
WS206-2077599-0.30	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.30 m	
Moisture content:	
18%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% Wet 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	pH				8 pH		8 pH	8pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				12 mg/kg	1.32	12.992 mg/kg	0.0013 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				1 mg/kg	3.22	2.64 mg/kg	0.000264 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				0.1 mg/kg	1.142	0.0937 mg/kg	0.0000937 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				8.2 mg/kg	1.462	9.828 mg/kg	0.000983 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				29 mg/kg	1.252	29.767 mg/kg	0.00298 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	690 mg/kg		565.8 mg/kg	0.0566 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	0.3 mg/kg		0.246 mg/kg	0.0000246 %	✓	
	080-002-00-6									
12	nickel { nickel(II) carbonate }				5.6 mg/kg	2.022	9.287 mg/kg	0.000929 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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									
		265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]									
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.3	mg/kg	1.405	0.346	mg/kg	0.0000346 %	✓	
	034-002-00-8											
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	29.277	mg/kg	0.00293 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
15	zinc { zinc oxide }				94	mg/kg	1.245	95.943	mg/kg	0.00959 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
16	naphthalene				0.13	mg/kg		0.107	mg/kg	0.0000107 %	✓	
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				0.08	mg/kg		0.0656	mg/kg	0.00000656 %	✓	
		201-469-6	83-32-9									
19	fluorene				0.12	mg/kg		0.0984	mg/kg	0.00000984 %	✓	
		201-695-5	86-73-7									
20	phenanthrene				0.63	mg/kg		0.517	mg/kg	0.0000517 %	✓	
		201-581-5	85-01-8									
21	anthracene				0.25	mg/kg		0.205	mg/kg	0.0000205 %	✓	
		204-371-1	120-12-7									
22	fluoranthene				1.4	mg/kg		1.148	mg/kg	0.000115 %	✓	
		205-912-4	206-44-0									
23	pyrene				1.1	mg/kg		0.902	mg/kg	0.0000902 %	✓	
		204-927-3	129-00-0									
24	benz[a]anthracene				0.48	mg/kg		0.394	mg/kg	0.0000394 %	✓	
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				0.5	mg/kg		0.41	mg/kg	0.000041 %	✓	
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				0.67	mg/kg		0.549	mg/kg	0.0000549 %	✓	
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				0.21	mg/kg		0.172	mg/kg	0.0000172 %	✓	
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				0.43	mg/kg		0.353	mg/kg	0.0000353 %	✓	
	601-032-00-3	200-028-5	50-32-8									
29	indeno[123-cd]pyrene				0.26	mg/kg		0.213	mg/kg	0.0000213 %	✓	
		205-893-2	193-39-5									
30	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
31	benzo[ghi]perylene				0.27	mg/kg		0.221	mg/kg	0.0000221 %	✓	
		205-883-8	191-24-2									
32	TPH (C6 to C40) petroleum group				93	mg/kg		76.26	mg/kg	0.00763 %	✓	
			TPH									
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
34	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
35	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
36	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
37	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
38	monohydric phenols				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			P1186									

#		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							
Total:									0.0838 %		

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00763%)

Classification of sample: WS206-2077600-0.45

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

Sample details

Sample name:	LoW Code:
WS206-2077600-0.45	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.45 m	
Moisture content:	
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

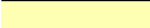
Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	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	pH		PH		8.3 pH		8.3 pH	8.3 pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				4.8 mg/kg	1.32	5.514 mg/kg	0.000551 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				0.73 mg/kg	3.22	2.045 mg/kg	0.000204 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				13 mg/kg	1.462	16.53 mg/kg	0.00165 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				3.2 mg/kg	1.252	3.485 mg/kg	0.000348 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	12 mg/kg		10.44 mg/kg	0.00104 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	080-002-00-6									
12	nickel { nickel(II) carbonate }				9.2 mg/kg	2.022	16.187 mg/kg	0.00162 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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							
		265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]							
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.25 mg/kg	1.405	<0.351 mg/kg	<0.0000351 %		<LOD
	034-002-00-8									
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				15 mg/kg	1.785	23.297 mg/kg	0.00233 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
15	zinc { zinc oxide }				8.7 mg/kg	1.245	9.421 mg/kg	0.000942 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
16	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
18	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
19	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
20	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
21	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
22	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
23	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
24	benz[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
25	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
26	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
29	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
30	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
31	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
32	TPH (C6 to C40) petroleum group				<10.5 mg/kg		<10.5 mg/kg	<0.00105 %		<LOD
			TPH							
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
34	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
35	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
36	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
37	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
38	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			P1186							

#	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							
Total:								0.00869 %		

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: WS207-2077602-0.30

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

Sample details

Sample name:	LoW Code:
WS207-2077602-0.30	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
22%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% Wet 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	pH				8.5 pH		8.5 pH	8.5 pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				16 mg/kg	1.32	16.478 mg/kg	0.00165 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				0.52 mg/kg	3.22	1.306 mg/kg	0.000131 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				0.11 mg/kg	1.142	0.098 mg/kg	0.0000098 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	18.24 mg/kg	0.00182 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				60 mg/kg	1.252	58.583 mg/kg	0.00586 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	36 mg/kg		28.08 mg/kg	0.00281 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	0.06 mg/kg		0.0468 mg/kg	0.00000468 %	✓	
	080-002-00-6									
12	nickel { nickel(II) carbonate }				19 mg/kg	2.022	29.972 mg/kg	0.003 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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									
		265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]									
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.63	mg/kg	1.405	0.69	mg/kg	0.000069 %	✓	
	034-002-00-8											
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				32	mg/kg	1.785	44.558	mg/kg	0.00446 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
15	zinc { zinc oxide }				60	mg/kg	1.245	58.253	mg/kg	0.00583 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
16	naphthalene				0.23	mg/kg		0.179	mg/kg	0.0000179 %	✓	
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				0.66	mg/kg		0.515	mg/kg	0.0000515 %	✓	
		201-469-6	83-32-9									
19	fluorene				0.31	mg/kg		0.242	mg/kg	0.0000242 %	✓	
		201-695-5	86-73-7									
20	phenanthrene				4	mg/kg		3.12	mg/kg	0.000312 %	✓	
		201-581-5	85-01-8									
21	anthracene				1.3	mg/kg		1.014	mg/kg	0.000101 %	✓	
		204-371-1	120-12-7									
22	fluoranthene				9.7	mg/kg		7.566	mg/kg	0.000757 %	✓	
		205-912-4	206-44-0									
23	pyrene				7.4	mg/kg		5.772	mg/kg	0.000577 %	✓	
		204-927-3	129-00-0									
24	benz[a]anthracene				2.8	mg/kg		2.184	mg/kg	0.000218 %	✓	
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				2.8	mg/kg		2.184	mg/kg	0.000218 %	✓	
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				3.4	mg/kg		2.652	mg/kg	0.000265 %	✓	
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				1.2	mg/kg		0.936	mg/kg	0.0000936 %	✓	
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				2.2	mg/kg		1.716	mg/kg	0.000172 %	✓	
	601-032-00-3	200-028-5	50-32-8									
29	indeno[123-cd]pyrene				1.3	mg/kg		1.014	mg/kg	0.000101 %	✓	
		205-893-2	193-39-5									
30	dibenz[a,h]anthracene				0.26	mg/kg		0.203	mg/kg	0.0000203 %	✓	
	601-041-00-2	200-181-8	53-70-3									
31	benzo[ghi]perylene				1.2	mg/kg		0.936	mg/kg	0.0000936 %	✓	
		205-883-8	191-24-2									
32	TPH (C6 to C40) petroleum group				150	mg/kg		117	mg/kg	0.0117 %	✓	
			TPH									
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
34	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
35	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
36	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
37	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
38	monohydric phenols				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			P1186									

#	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							
Total:								0.0404 %		

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0117%)

Classification of sample: WS207-2077603-0.55

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

Sample details

Sample name:	LoW Code:
WS207-2077603-0.55	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.55 m	
Moisture content:	
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

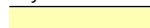
Moisture content: 14% Wet Weight Moisture Correction applied (MC)

#	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	pH		PH		8.1 pH		8.1 pH	8.1 pH		
2	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
3	arsenic { arsenic trioxide }				6.6 mg/kg	1.32	7.494 mg/kg	0.000749 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
4	boron { diboron trioxide }				<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				15 mg/kg	1.462	18.854 mg/kg	0.00189 %	✓	
		215-160-9	1308-38-9							
7	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
8	copper { copper(II) oxide }				13 mg/kg	1.252	13.995 mg/kg	0.0014 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	23 mg/kg		19.78 mg/kg	0.00198 %	✓	
	082-001-00-6									
11	mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }			1	0.05 mg/kg		0.043 mg/kg	0.0000043 %	✓	
	080-002-00-6									
12	nickel { nickel(II) carbonate }				3.2 mg/kg	2.022	5.566 mg/kg	0.000557 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2]	3333-67-3 [1] 16337-84-1 [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								
		265-748-4 [3] 235-715-9 [4]	65405-96-1 [3] 12607-70-4 [4]								
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.25 mg/kg	1.405	<0.351 mg/kg	<0.0000351 %			<LOD
	034-002-00-8										
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				15 mg/kg	1.785	23.029 mg/kg	0.0023 %	✓		
	023-001-00-8	215-239-8	1314-62-1								
15	zinc { zinc oxide }				25 mg/kg	1.245	26.761 mg/kg	0.00268 %	✓		
	030-013-00-7	215-222-5	1314-13-2								
16	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.42 mg/kg		0.361 mg/kg	0.0000361 %	✓		
		201-581-5	85-01-8								
21	anthracene				0.13 mg/kg		0.112 mg/kg	0.0000112 %	✓		
		204-371-1	120-12-7								
22	fluoranthene				0.89 mg/kg		0.765 mg/kg	0.0000765 %	✓		
		205-912-4	206-44-0								
23	pyrene				0.69 mg/kg		0.593 mg/kg	0.0000593 %	✓		
		204-927-3	129-00-0								
24	benz[a]anthracene				0.27 mg/kg		0.232 mg/kg	0.0000232 %	✓		
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.28 mg/kg		0.241 mg/kg	0.0000241 %	✓		
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.38 mg/kg		0.327 mg/kg	0.0000327 %	✓		
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.13 mg/kg		0.112 mg/kg	0.0000112 %	✓		
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.27 mg/kg		0.232 mg/kg	0.0000232 %	✓		
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.19 mg/kg		0.163 mg/kg	0.0000163 %	✓		
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				0.18 mg/kg		0.155 mg/kg	0.0000155 %	✓		
		205-883-8	191-24-2								
32	TPH (C6 to C40) petroleum group				28 mg/kg		24.08 mg/kg	0.00241 %	✓		
			TPH								
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
34	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
35	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
36	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
37	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<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]								
38	monohydric phenols				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			P1186								

#		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							
Total:									0.0143 %		

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 concentration of: 10000 mg/kg (1%) because: It is highly unlikely that soils (generally a refractory matrix) will be classified as flammable at concentrations of 1.00% or less. (AGS, 2019). This property is thus disregarded as potentially flammable.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00241%)

Appendix A: Classifier defined and non GB MCL determinands

• pH (CAS Number: PH)

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

• 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

• salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from:: WM3, Table C12.2

• 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

• acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

• acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

• fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

• phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

• anthracene (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

■ **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; 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

■ **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

■ **monohydric phenols** (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)
Data source: CLP combined data
Data source date: 26 Mar 2019
Hazard Statements: Muta. 2; H341 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301 , STOT RE 2; H373 , Skin Corr. 1B; H314 , Skin Corr. 1B; H314 >= 3 % , Skin Irrit. 2; H315 1 <= conc. < 3 % , Eye Irrit. 2; H319 1 <= conc. < 3 % , Aquatic Chronic 2; H411

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds.

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds.

boron {diboron trioxide}

Diboron Trioxide. Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics, borosilicate glass.

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history. Mineralogy and site history show that Cadmium Sulfide is not likely to be present.

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

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass.

chromium in Cr(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species

copper {copper(II) oxide}

Divalent Oxide. Reasonable case CLP entry based on Hazard Statements and low solubility. Oxidised form of Copper most likely to be present. Divalent copper is most likely to be bound to soils and organic matter. Copper (II) Oxide is found in ceramic glazes, wood preservatives, mining wastes, animal feed, welding wastes, alloy wastes, battery cells and some pigments. Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected.

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Worst case species

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

There is an insufficient quantity of Chromium VI available to stoichiometrically form Chromate Compounds, as such the next most likely worse-case species has been selected for assessment. The concentration of Chromium VI is noted to be less than the detection limit of the analytical test.

mercury {inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex}

Reasonable case CLP selection as fulminate not likely to be present. Inorganic Mercury is more likely to be present. Dichloride is highly soluble and is unlikely to be present unless there are significant sources shown from Desk Study information.

nickel {nickel(II) carbonate}

Reasonable case CLP entry as halides, hexacyanoferrate, and sulfate are very soluble, thiocyanate is not likely to be present from industrial uses and is also soluble, insufficient Hexavalent Chromium to form the chromate species. Nickel Carbonate is largely insoluble and present in ceramics and potteries that may be present in Made Ground particularly.

selenium {selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex}

Reasonable case CLP compound unless Se is present in sufficient quantities to stoichiometrically form the Ni-Se compounds.

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case and also most reasonable CLP species to be present. The compound is usually present in slag materials from iron/steel production.

zinc {zinc oxide}

There is an insufficient quantity of Chromium VI available to stoichiometrically form Chromate Compounds, as such the next most likely worse-case species has been selected for assessment. The concentration of Chromium VI is noted to be less than the detection limit of the analytical test.

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**

HazWasteOnline Classification Engine Version: 2026.26.6955.12551 (26 Jan 2026)

HazWasteOnline Database: 2026.27.6959.12557 (27 Jan 2026)

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 V

Client: Indurent Management Ltd

Date: 21/01/2026

Project: C4884

Site: Moorgate Point, Knowsley



Photo No: 1

Time: 07:30

Comments: Diesel Above Ground Storage Tank. Fuel pumps behind roller shutters at the southwest end of the tank



Client: Indurent Management Ltd

Date: 21/01/2026

Project: C4884

Site: Moorgate Point, Knowsley



Photo No: 2

Time: 09:37

Comments: LCM tanker in place to drain the remaining diesel from the tank. Fuel pumps visible at the southwest end of the tank.



Client: Indurent Management Ltd

Date: 21/01/2026

Project: C4884

Site: Moorgate Point, Knowsley



Photo No: 3

Time: 11:00

Comments: AdBlue Tank lifted.



Client: Indurent Management Ltd

Date: 21/01/2026

Project: C4884

Site: Moorgate Point, Knowsley

Photo No: 4

Time: 11:30

Comments: Paving slabs beneath the AdBlue Tank and area of soft ground between the AdBlue Tank and Diesel Tank. Silt and dirt noted on the surface but no visual or olfactory evidence of hydrocarbon contamination was observed.



Client: Indurent Management Ltd

Date: 21/01/2026

Project: C4884

Site: Moorgate Point, Knowsley



Photo No: 5

Time: 13:15

Comments: Diesel Tank lifted onto flat bed lorry and removed from site.



Client: Indurent Management Ltd

Date: 21/01/2026

Project: C4884

Site: Moorgate Point, Knowsley

Photo No: 6

Time: 13:15

Comments: Concrete slab beneath the diesel AST. In good condition with no visible cracks. Silt and dirt evident on the surface but no visual or olfactory evidence of staining.





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