1 Croft Stairs
Newcastle upon Tyne
NE1 2HG

Ref: 251009. 001.CA

12 December 2025

Mr R Laybourne,
KPS,
KPS Huse,
Lumley Court,
Chester le Street
DH2 1AN

Dear Rob,

RE: Contamination Assessment – St Marys Primary School, Shirley Avenue, Gomersal, BD19 4NA.

1. Background

REL received instruction from Key Property Solutions Ltd ("**the Client**") to undertake a Contamination Assessment ("**the Services**") St. Mary's Primary School, Shirley Avenue, Gomersal, BD19 4NA ("**the Property**"). Part of the Services included the production of this document ("**the Report**").

2. Purpose of Report

Roberts Environmental Ltd (REL) were previously commissioned by Key Property Solutions to undertake a Geo-Environmental Interpretative Report for St Mary's Primary School (Ref: 250913.R.01, dated 30 September 2025). The purpose of that report was to review the scope of works and findings of earlier investigations and to identify any significant information gaps or discrepancies that could present material risks to the proposed development.

As part of this review, REL assessed the following third-party reports:

- RSK, Preliminary Risk Assessment, Ref: 350556-R001(00), dated November 2022
- SWECO, Coal Mining Risk Assessment, Ref: 65208322-SWE-XX-XX-T-J-2001, dated 27 February 2023
- RSK, Factual Ground Investigation Report, Ref: 3231980R01(00), dated January 2024

Following this review, the REL interpretative report identified a number of information gaps requiring further attention including the following:

- No evidence of significant contamination has been recorded across the areas investigated; however, the suitability of existing topsoil and subsoil for future re-use has not been sufficiently demonstrated.

To address the above information gap, REL recommended the following:

- The excavation of manually excavated inspection pits within existing soft-landscaped areas to confirm the soil profile and support a soil suitability assessment and the preparation of a Soil Management Plan (should on-site soil re-use be pursued).

The purpose of this REL report is therefore to detail the findings of the above work following completion and updating the site conceptual model and risk assessment to examine soil suitability.

3. Previous report review

REL have undertaken a review of available online and documentary information including the following third-party reports to obtain a more robust understanding of the site.

- RSK, Preliminary Risk Assessment, Ref: 350556-R001(00), dated November 2022
- RSK, Factual Ground Investigation Report, Ref: 3231980R01(00), dated January 2024

Please refer to the following sections for a summary of pertinent desk-based information.

Current Site Status

The site comprised an irregular parcel of land, with the main school positioned on the northern and western portions of the site, the eastern and southern areas comprise soft landscaping, used for play areas and playing fields respectively. Car parking and temporary classrooms were present in the northwest of the site.

Site History

The site remained agricultural land from 1854 until the school was built in 1988–1989. Historical maps show several off-site industrial activities nearby in the mid-19th century, including multiple coal pits and Little Gomersal Colliery within 115–215 m, as well as two chemical works located about 100–115 m south of the site, all of which had disappeared by the early 20th century. Several textile mills were also present in the wider area, the closest being Butts Mill around 200 m to the northwest. The 2022 map reflects the current school buildings now present on the site.

Geological Strata

The site topography gently slopes toward the south, with the highest elevations located in the northwest corner.

Published geological data and available borehole logs indicate that the site is underlain by the Pennine Lower Coal Measures Formation. Areas of Made Ground may be present, likely associated with the construction of the existing school building. The site lies within an area of recorded coal mining activity, with a known coal outcrop present beneath the site.

Controlled Waters

The nearest surface water feature is noted approximately 345m to the northwest of the site. There are no groundwater Source Protection Zones within 1 km of the site and the bedrock comprising the Pennine Lower Coal Measures is designated as a Secondary (A) Aquifer. Groundwater within the coal measures is typically of poorer quality and is unlikely to be abstracted as a potable water supply.

Potential Contamination Sources

The review of current and historical site information indicates that previous site uses are unlikely to have resulted in significant contamination of the underlying strata. However, the potential for residual contamination remains due to the site's historic agricultural use and the presence of former chemical works, mills, and other industrial activities in the surrounding area.

4. Limitations and Constraints

Investigation locations were distributed cognisant of the proposed development, however due to ongoing site use, locations were positioned to minimise impact to the current site use. **Enclosure 1** For an Indicative Investigation Location Plan

The investigation was limited to shallow soils to allow for the suitability of such soils for re-use at the site to be determined with greater confidence.

REL provide no warranty or guarantee as to the accuracy or completeness of third-party reports and have assumed during the compilation of this report that any such reports used have been produced with all necessary care and attention.

No Soil Management Plan has yet been produced for the site.

5. Methodology

The intrusive investigation works undertaken at the site were completed on 27 October 2025 by an REL Engineer and comprised the following: -

- 3 No. hand-dug pits (HP1 – HP3) were excavated across existing soft landscaped areas to a depth up to 0.5 m Below Current Ground Levels (bcgl)
- 3 No. mechanically excavated trial pits (TP1 – TP3) were progressed to depths upto 2,4m bcgl to allow for infiltration testing (See REL report REF: 251009. Infiltration Testing, St. Mary's Primary School, Gomersal for further details on the infiltration test findings).
- Soils encountered were logged to BS 5930:2015+A1:2020
- A total of 11 No. representative soil samples were recovered from the site and placed in sample containers selected specifically for the determinands selected for analysis. Samples were then placed in cool boxes to aid preservation prior to delivery to the laboratory.
- 1 No. of these samples was recovered by composite sampling methods to assess the general contamination of the site.

Upon completion of sampling, all pits were backfilled to ensure no trip hazard remained. Within **Enclosure 1** is an indicative exploratory hole location plan.

6. Investigation Findings

Geological Strata

Topsoil was encountered at all investigation locations, between 0.0 m and 0.6 m bgl. Within the trial pit locations, sandy clay was recorded between 0.3 m and 2.4 m bgl. In addition, gravelly sand was identified in TP1 and TP2, occurring between 1.2 m and 2.2 m bgl.

Additional notes: A geotextile membrane was encountered within TP2 and TP3 at 0.60 m bgl. Please note that the hand-excavated pits were terminated at shallower depths and may therefore not have encountered the membrane.

Visual and Olfactory Evidence of Contamination

No visual or olfactory evidence of contamination was noted during the ground investigation. Representative samples of the materials encountered have been selected and have undergone appropriate contamination screening at the laboratory with the results discussed below.

Laboratory Testing

8 No. representative samples were collected and submitted to Chemtest Environmental Ltd, who are a UKAS accredited and MCERTS certified laboratory for a suite of chemical testing which included:

- 8 No. samples for Heavy Metals.
- 8 No. samples for Inorganics including pH and SO4.
- 8 No. samples for USEPA 16 Polycyclic Aromatic Hydrocarbons (PAH's).
- 6 No. samples for Total Petroleum Hydrocarbons (TPH).
- 2 No. samples for Speciated Aromatic/Aliphatic Hydrocarbons.
- 8 No. samples screened for Asbestos fibres.

The results of the laboratory testing are e**nclosure 3** (Chemtest reference: 25-34930-1).

In addition to the above, 3 No. soil samples were submitted for leachability testing so that a Controlled Waters risk assessment could be carried out. Analysis carried out was as below:

- 3 No. samples for Heavy Metals.
- 3 No. samples for Inorganics.
- 3 No. samples for USEPA 16 Polycyclic Aromatic Hydrocarbons (PAHs); and
- 3 No. samples for Total Petroleum Hydrocarbons (TPH) Banded.

The results of the laboratory testing are enclosure 3 (Chemtest reference: 25-34930-1).

Assessment Criteria

➢ Human Health

Following completion of laboratory analysis, the screening results were compared against available authoritative and commercially derived assessment criteria comprising.

- DEFRA Category 4 Screening Levels (2014),
- LQM / CIEH S4ULs (2015),
- Atkins ATRISK^{SOIL} SSVs (2011),
- EIC, AGS, CL: AIRE (Assessment Criteria 2010).

The results of laboratory analysis results have been used to carry out a Level 1: Quantitative Human Health Assessment for the proposed development.

Due to the nature of the proposed development i.e. a school, it is considered reasonable to adopt human health assessment criteria values developed for a Public Open Space (Parks) Land Use Scenario.

The results of soil laboratory analysis have also been used to provide a preliminary waste assessment using Hazwaste Online software.

- Controlled Waters

Leachate samples have been assessed against available authoritative assessment criteria including (for a full list of assessment criteria please refer to the Chemical Assessment Sheet in **Enclosure 4**.

- Environmental Quality Standards (EQS).
- Drinking Water Standards (DWS) (2000).

Due to the lack of authoritative assessment criteria values, designed to assess the Controlled Water body subject to this assessment, the leachate samples have been compared against available DWS and EQS values. These assessment criteria were developed for more sensitive receptors, as such, it is the opinion of REL that any assessment of risk would be overly conservative and would likely overstate the actual risk.

The results of the soil and leachate contaminant screening when compared with the chosen threshold values are presented in the REL Chemical Assessment Sheet enclosure 4.

Laboratory Analysis Results – Soils

The results of the Human Health Soil Analysis Assessment are presented below. A copy of the results and REL soil Chemical Assessment Sheet with the chosen threshold values is included in **Enclosure 4**.

Metals

Following completion of laboratory analysis on the 8 No. soil samples recovered from the site **no exceedances** of the chosen human health assessment criteria values have been identified associated with Metals analytes.

Inorganics

Following completion of laboratory analysis on the 8 No. soil samples recovered from the site **no exceedances** of the chosen human health assessment criteria values have been identified associated with Inorganic analytes.

Organics

Following completion of laboratory analysis on the 8 No. soil samples recovered from the site, **no exceedances** of the chosen human health assessment criteria values have been identified associated with Organic analytes.

Asbestos

Following completion of laboratory analysis on the 8 No. soil samples recovered from the site **no Asbestos fibres** have been identified.

Laboratory Analysis Results – Leachate

The results of the Controlled Waters Leachate Assessment are presented below. A copy of the results and REL Chemical Assessment Sheet with the chosen assessment criteria values are included in **Enclosure 4** Where the results are highlighted in blue this indicates that the value is below the limit of detection.

Metals

Following completion of laboratory analysis on the 3 No. leachate samples recovered from the site, **all results fell below the laboratory limit of detection or below the chosen Controlled Waters assessment criteria values**, associated with Metal analytes.

Inorganics

Following completion of laboratory analysis on the 3 No. leachate samples recovered from the site, **all results fell below the laboratory limit of detection or below the chosen Controlled Waters assessment criteria values**, associated with Inorganic analytes.

Organics

Following completion of laboratory analysis on the 3 No. leachate samples recovered from the site, **all results fell below the laboratory limit of detection or below the chosen Controlled Waters assessment criteria values**, associated with Organics analytes.

Preliminary Waste Assessment

A Waste Classification assessment has been carried out in accordance with Technical Guidance WM3: Waste Classification and has been assessed using HazWasteOnlineTM™. 8 No. samples were obtained from the site, which are considered to be representative of the underlying Topsoil, and natural deposits on site.

Based on this assessment, testing undertaken on all samples identified **no** 'Hazardous' properties and as such based on testing undertaken to date, these samples may be suitable for disposal to a Non-Hazardous landfill without requiring Waste Acceptance Criteria (WAC) testing, although the specific landfill to which this material is sent may have special requirements. Should disposal to an Inert landfill be preferred, appropriate WAC testing would be required.

As such, early consultation with the landfill operator is recommended. Copies of the Hazardous Waste Classification reports are presented within **Enclosure 5.** Care should be taken not to mix different soil types particularly where any visually impacted soils are observed Any materials removed from site should be undertaken in accordance with the Duty of Care Regulations 1991.

7. Conceptual Model

A conceptual model has been developed taking into consideration information, obtained during site inspections and following completion of the intrusive ground investigation. This information has been used to aid with the identification and partial quantification of contamination sources within the site and to undertake an assessment of potential exposure patterns of current and future site users.

Specific Soil Contamination Sources

The review of current and historical site information indicates that previous site uses are unlikely to have resulted in significant contamination of the underlying strata. However, the potential for residual contamination remains due to the site's historic agricultural use and the presence of former chemical works, mills, and other industrial activities in the surrounding area.

During the investigation works, there was no significant contaminant sources identified with no visual or olfactory evidence of contamination was noted during the intrusive investigation.

The site investigation undertaken by REL has identified no contaminant exceedances when adopting assessment criteria developed for the Public Open Space (Parks) Land Use Scenario.

The leachability analysis recorded no contaminant exceedances when compared against the adopted Controlled Waters assessment criteria.

8. Receptors

The key receptors that have been identified for this site are.

- Current and future site users/trespassers.
- Current and future site properties and associated Services.
- Occupants/users of adjacent properties.
- Adjacent properties.
- Controlled Waters.

9. Pathways

Direct contact or inhalation/ingestion pathways could exist where soft landscaped areas and/or permeable surfacing is proposed at the site.

Mobile contaminants (if present) may have the potential to migrate vertically and laterally via permeable strata to underlying and adjacent Controlled Waters and nearby properties. Where present, contamination may impact foundations and services placed on site via direct contact.

10. Conceptual Model Evaluation

Human Health

The site comprised an irregular parcel of land, with the main school positioned on the northern and western portions of the site, the eastern and southern areas comprise soft landscaping, used for play areas and playing fields respectively. Car parking and temporary classrooms were present in the northwest of the site.

The review of current and historical site information indicates that previous site uses are unlikely to have resulted in significant contamination of the underlying strata. However, the potential for residual contamination was highlighted due to the site's historic agricultural use and the presence of former chemical works, mills, and other industrial activities in the surrounding area.

No visual or olfactory evidence of deleterious materials were noted during the intrusive investigation and no Human Health contaminant exceedances were recorded.

Access to the site is restricted, as such exposure to site soils is limited. During future ground works, workers must be subject to a suitable and sufficient risk assessment and be provided with and make use of appropriate PPE.

Should evidence of significant unanticipated contamination be identified during groundworks, advice should be sought from a suitably qualified consultant.

Taking the above into consideration, an unacceptable risk to Human Health has not been identified and the sheep wash does not appear to have impacted soil quality at the site.

Controlled Waters

The nearest surface water feature is approximately noted 3M to the northwest of the site. There are no groundwater Source Protection Zones within 1 km of the site and the bedrock comprising the Pennine Lower Coal Measures is designated as a Secondary (A) Aquifer. Groundwater within the coal measures is typically of poorer quality and is unlikely to be abstracted as a potable water supply.

No visual or olfactory evidence of contamination was noted during the intrusive investigation. Based on soil leachate screening undertaken no contaminant exceedances were recorded when with regard Controlled Waters assessment criteria

Therefore, based on the above and when considering the lack of sensitive Controlled Waters within a plausible migration distance from the site, there is not considered to be a significant potential risk to Controlled Waters.

Property (including adjacent properties and vegetation)

No significant concentrations of potentially leachable or phytotoxic contaminants have been recorded in soil samples submitted for analysis. No evidence of vegetation stress was noted during the site inspection or intrusive works on site or in adjacent areas.

Reuse and of Soils

Topsoil and subsoil on site are considered suitable for reuse in future soft landscaping assuming a non-produce growing use. Care should be taken not to mix different soil types particularly where any visually impacted soils are observed Any materials removed from site should be undertaken in accordance with the Duty of Care Regulations 1991.

The mechanism of which soils can be reused on the site was complying with UK waste law and a duty of care would need to be determined and implemented prior to the commencement of work [possible option may include Waste Exemptions, Material Management Plans and for naturally derived site won materials an exclusion under the Waste Framework Directive.

11. Conclusions

The site is to be redeveloped for school use and this report has been produced to allow for the suitability of shallow soils in areas of the site to be determined with greater confidence. Based on the findings of this report, no significant and/or unacceptable levels of contaminants have been recorded in either soil or leachate samples subject to laboratory analysis. As such, the soils subject to investigation are considered suitable for re-use on site within areas of soft landscaping subject to such soft landscaping not being utilised for produce growing.

The following risk rating and viability statement is considered appropriate.

Environmental Risk Rating

The results of the geo-environmental site investigation and risk assessment indicate that **a significant source – pathway – receptor pollutant linkage does not exist at this site** with respect to soil contamination.

It is concluded that the environmental risk arising from the ground conditions at the subject site will be **LOW**.

Development Viability Statement

We have not identified any material environmental risks that would affect the future occupation and redevelopment for the proposed use of the property. **As such, the site is considered suitable for its current and proposed usage.**

We trust that these comments and attachments are to your satisfaction and if you require any further information or clarification, please do not hesitate to contact us.

Yours sincerely,

Author

Christian Dean BSc (Hons)
Graduate Environmental Consultant
For and on behalf of Roberts Environmental Ltd
Tel: 0191 230 4521
Mobile: 07398 119564

Reviewer

Andrew Cuthbert BSc (Hons) MSc MIEMA CEnv
Associate Director
For and on behalf of Roberts Environmental Ltd
Tel: 0191 230 4521
Mobile: 07717 355224

Enclosures:

Enclosure 1 Indicative Borehole Location Plan.
Enclosure 2 Borehole Logs.
Enclosure 3 Chemical Testing Results
Enclosure 4 REL Chemical Assessment Sheet.
Enclosure 5 HazWasteOnline™ Summary Sheets.

Enclosure 1

Legend

- Site Boundary
- Trial Pits
- Hand Pits

0 200 400 600 800 1,000 m

Figure: Hand Pit and Trial Pit Locations

Job: 251009 St. Mary's Primary School, Gomersal

Client: KPS

Figure No.	Revision	Date
1	1	12 December 2025

Drawn by	Checked by	Scale
CD	AWC	1:1

Job No. 251009

DO NOT SCALE. NOT FOR CONSTRUCTION

Site Plan Provided by Client 2025.

ROBERTS ENVIRONMENTAL LTD

C:\Users\JosephNicholson\Documents\QGIS\gis_user_local (251009)\gis_user_local (RENAME FOR PROJECT)\prj\251009 St. Mary's Primary School.qgz

Enclosure 2

Hand Pit

HP1

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
HP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client
KPS

Consultant

Contractor
Christian Dean

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
		0.10-0.30	ES			(0.50)		TOPSOIL *Dark brown to blackish silty clayey gravelly TOPSOIL. Overlain by grass. Gravel is subangular to subrounded fine to coarse of sandstone and coal (0.00 - 0.50m)*
						0.50		*End of Trial Pit at 0.50m*

0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020.

Method, Plant, Stability, Dimensions
0.00 - 0.50m HP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

ROBERTS ENVIRONMENTAL LTD

Hand Pit

HP1

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
HP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client	Consultant	Contractor
KPS		Christian Dean

Sample Details

Sample ID	Type	Water Level (m)	Remarks
	ES		

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020.

Method, Plant, Stability, Dimensions
0.00 - 0.50m HP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

Hand Pit

HP2

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
HP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client
KPS

Consultant

Contractor
Christian Dean

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
		0.20-0.50	ES			(0.50)		TOPSOIL *Dark brown to blackish silty gravelly clayey TOPSOIL. Overlain by grass. Gravel is subangular to subrounded fine to coarse of sandstone. Glass fragments noted below 0.1m bgl (0.00 - 0.50m)*
						0.50		*End of Trial Pit at 0.50m*

0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020.

Method, Plant, Stability, Dimensions
0.00 - 0.50m HP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

ROBERTS ENVIRONMENTAL LTD

Hand Pit

HP2

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
HP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client	Consultant	Contractor
KPS		Christian Dean

Sample Details

Sample ID	Type	Water Level (m)	Remarks
	ES		

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020.

Method, Plant, Stability, Dimensions
0.00 - 0.50m HP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

Hand Pit

HP3

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
HP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client
KPS

Consultant

Contractor
Christian Dean

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
		0.10-0.20	ES			(0.50)		TOPSOIL *Dark brown silty clayey TOPSOIL. Overlain by grass. (0.00 - 0.50m)*
		0.40-0.50	ES			0.50		*End of Trial Pit at 0.50m*

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020.

Method, Plant, Stability, Dimensions
0.00 - 0.50m HP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

ROBERTS ENVIRONMENTAL LTD

Hand Pit

HP3

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
HP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client	Consultant	Contractor
KPS		Christian Dean

Sample Details

Sample ID	Type	Water Level (m)	Remarks
	ES		
	ES		

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020.

Method, Plant, Stability, Dimensions
0.00 - 0.50m HP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

Trial Pit

TP1

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client
KPS

Consultant

Contractor
Christian Dean

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
		0.20-0.40	ES			(0.60)		**TOPSOIL** *Dark brown to blackish silty clayey gravelly TOPSOIL. Overlain by grass. Gravel is subangular to subrounded fine to coarse of sandstone and coal (0.00 - 0.60m)*
		1.00-1.20	ES			0.60 (1.20)		**Sandy CLAY** *Brown, Siff, Sandy CLAY. Sand was fine to coarse, angular to subangular. (0.60 - 1.80m)*
						1.80 (0.40)		**Gravelly SAND** *Brown, gravelly, angular to subangular fine to coarse SAND Gravel was subangular, comprising sandstone (1.80 - 2.20m)*
						2.20		*End of Trial Pit at 2.20m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020.
2. Trial Pit location utility cleared prior to excavation.

Method, Plant, Stability, Dimensions
0.00 - 2.20m TP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

Trial Pit

TP1

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client	Consultant	Contractor
KPS		Christian Dean

Sample Details

Sample ID	Type	Water Level (m)	Remarks
	ES		
	ES		

Remarks

1. Logged in general accordance with BS5930:2015+A1:2020.
2. Trial Pit location utility cleared prior to excavation.

Method, Plant, Stability, Dimensions

0.00 - 2.20m TP

Logger

Christian Dean

Checked By: CD **Approved By:** AWC

Trial Pit

TP2

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client
KPS

Consultant

Contractor
Christian Dean

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
						(0.30) 0.30		TOPSOIL *Dark brown to blackish silty clayey gravelly TOPSOIL. Overlain by grass. Gravel is subangular to subrounded fine to coarse of sandstone and coal (0.00 - 0.30m)*
		0.50-0.60	ES					Sandy CLAY *Brown, Siff, Sandy CLAY. Sand was fine to coarse, angular to subangular. (0.30 - 2.40m)*
		1.00-1.50	ES			(2.10)		
						2.40		*End of Trial Pit at 2.40m*

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020. 2. Trial Pit location utility cleared prior to excavation. 3. Geotextile membrane encountered at 0.6m

Method, Plant, Stability, Dimensions
0.00 - 2.40m TP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

ROBERTS ENVIRONMENTAL LTD

Trial Pit

TP2

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client	Consultant	Contractor
KPS		Christian Dean

Sample Details

Sample ID	Type	Water Level (m)	Remarks
	ES		
	ES		

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020. 2. Trial Pit location utility cleared prior to excavation. 3. Geotextile membrane encountered at 0.6m

Method, Plant, Stability, Dimensions
0.00 - 2.40m TP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

Trial Pit

TP3

Sheet 1 of 1

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client
KPS

Consultant

Contractor
Christian Dean

Inst/ Backfill	Water Levels	Samples and Tests: Depth (m)	Samples and Tests: Type/ Ref	Samples and Tests: Results	Level (m)	Depth (thickness) (m)	Strata: Legend	Strata: Description
		0.30-0.40 0.30-0.40	ES ES			(0.60) 0.60		**TOPSOIL** *Dark brown to blackish silty clayey gravelly TOPSOIL. Overlain by grass. Gravel is subangular to subrounded fine to coarse of sandstone and coal (0.00 - 0.60m)*
						(0.60) 1.20		**Sandy CLAY** *Brown, Siff, Sandy CLAY. Sand was fine to coarse, angular to subangular. (0.60 - 1.20m)*
						(0.58) 1.78		**Sandy GRAVEL** *Brown, gravelly, angular to subangular fine to coarse SAND Gravel was subangular, comprising sandstone (1.20 - 1.78m)*
								End of Trial Pit at 1.78m

0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020. 2. Trial Pit location utility cleared prior to excavation. 3. Geotextile membrane encountered at 0.6m

Method, Plant, Stability, Dimensions
0.00 - 1.78m TP

Logger
Christian Dean

Checked By: CD **Approved By:** AWC

ROBERTS ENVIRONMENTAL LTD

Trial Pit

TP3

SUPPLEMENTARY INFO

Hole Type	Easting	Northing	Ground Level (m)	Scale
TP				1:25

Project Name	Project No.	Start Date	End Date
St Marys Primary School Gomersal	251009	2025-10-27	2025-10-27

Client	Consultant	Contractor
KPS		Christian Dean

Sample Details

Sample ID	Type	Water Level (m)	Remarks
	ES		
	ES		

Remarks
1. Logged in general accordance with BS5930:2015+A1:2020. 2. Trial Pit location utility cleared prior to excavation. 3. Geotextile membrane encountered at 0.6m

Method, Plant, Stability, Dimensions	Logger
0.00 - 1.78m TP	Christian Dean

Checked By: CD **Approved By:** AWC

Enclosure 3

Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: cs@etuki.eurofins.com

Final Report

Report No.:	25-34930-1
Initial Date of Issue:	14-Nov-2025
Re-Issue Details:	
Client	*Roberts Environmental Limited*
Client Address:	*1 Croft Stairs* *Newcastle Upon Tyne* *Tyne & Wear* *NE1 2HG*
Contact(s):	*Christian Dean*
Project	*251009 Gomersal St Mary's Primary School*
Quotation No.:	*Q23-32098*
Order No.:	
No. of Samples:	*10*
Turnaround (Wkdays):	10
Date Approved:	14-Nov-2025
Approved By:	

Details:	David Smith, Technical Director

Date Received:	30-Oct-2025		
Date Instructed:	30-Oct-2025		
Results Due:	12-Nov-2025		

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

Results - Leachate

Project: 251009 Gomersal St Mary's Primary School

Client: Roberts Environmental Limited				**Chemtest Job No.:**		25-34930	25-34930	25-34930
Quotation No.: Q23-32098				**Chemtest Sample ID.:**		2047042	2047045	2047050
				Client Reference:		*HP1*	*HP3*	*TP3*
				Sample Type:		*SOIL*	*SOIL*	*SOIL*
				Top Depth (m):		*0.1*	*0.4*	*0.3*
				Bottom Depth (m):		*0.3*	*0.5*	*0.4*
				Date Sampled:		*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**			
Acenaphthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Chrysene	N	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Fluorene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Naphthalene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Pyrene	U	1700	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	1700	10:1	µg/l	2.0	< 2.0	< 2.0	< 2.0
pH at 20C	U	1010	10:1		4.0	8.4	8.3	7.9
Sulphate	U	1220	10:1	mg/l	1.0	< 1.0	< 1.0	< 1.0
Cyanide (Free)	U	1300	10:1	mg/l	0.050	< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)	U	1455	10:1	µg/l	0.20	0.96	< 0.20	< 0.20
Boron (Dissolved)	U	1455	10:1	µg/l	10.0	< 10	< 10	< 10
Cadmium (Dissolved)	U	1455	10:1	µg/l	0.11	< 0.11	< 0.11	< 0.11
Copper (Dissolved)	U	1455	10:1	µg/l	0.50	4.5	6.8	5.5
Mercury (Dissolved)	U	1455	10:1	µg/l	0.05	< 0.05	< 0.05	< 0.05
Nickel (Dissolved)	U	1455	10:1	µg/l	0.50	0.77	1.2	0.89
Lead (Dissolved)	U	1455	10:1	µg/l	0.50	1.9	1.6	0.84
Selenium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50
Zinc (Dissolved)	U	1455	10:1	µg/l	2.5	14	20	13
Chromium (Total)	N	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50
TPH >C5-C6	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
TPH >C6-C7	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
TPH >C7-C8	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
TPH >C8-C10	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
TPH >C10-C12	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
TPH >C12-C16	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
TPH >C16-C21	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
TPH >C21-C35	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10
TPH >C35-C44	N	1670	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10

Results - Leachate

Project: 251009 Gomersal St Mary's Primary School

Client: Roberts Environmental Limited						**Chemtest Job No.:**	25-34930	25-34930	25-34930
Quotation No.: Q23-32098						**Chemtest Sample ID.:**	2047042	2047045	2047050
						Client Reference:	*HP1*	*HP3*	*TP3*
						Sample Type:	*SOIL*	*SOIL*	*SOIL*
						Top Depth (m):	*0.1*	*0.4*	*0.3*
						Bottom Depth (m):	*0.3*	*0.5*	*0.4*
						Date Sampled:	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**				
Total TPH >C5-C44	N	1670	10:1	µg/l	10		< 10	< 10	< 10
Benzo[a]anthracene	U	1700	10:1	µg/l	0.10		< 0.10	< 0.10	< 0.10

Results - Soil

Project: 251009 Gomersal St Mary's Primary School

Client: Roberts Environmental Limited			**Chemtest Job No.:**			25-34930	25-34930	25-34930	25-34930	25-34930	25-34930	25-34930
Quotation No.: Q23-32098			**Chemtest Sample ID.:**			2047042	2047043	2047044	2047045	2047046	2047047	2047048
			Client Reference:			*HP1*	*HP2*	*HP3*	*HP3*	*TP1*	*TP1*	*TP2*
			Sample Type:			*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
			Top Depth (m):			*0.1*	*0.2*	*0.1*	*0.4*	*0.2*	*1*	*0.5*
			Bottom Depth (m):			*0.3*	*0.5*	*0.2*	*0.5*	*0.4*	*1.2*	*0.6*
			Date Sampled:			*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*
			Asbestos Lab:				DURHAM	DURHAM		DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**							
Arsenic		M	2455	mg/kg	0.5		33	28		34	19	33
Cadmium		M	2455	mg/kg	0.10		0.51	0.27		0.32	0.20	0.35
Chromium		M	2455	mg/kg	0.5		30	18		21	20	26
Chromium (Trivalent)		N	2490	mg/kg	1.0		30	18		21	20	26
Chromium (Hexavalent)		N	2490	mg/kg	0.50		< 0.50	< 0.50		< 0.50	< 0.50	< 0.50
Copper		M	2455	mg/kg	0.50		65	44		51	33	57
Lead		M	2455	mg/kg	0.50		190	130		150	99	120
Mercury		M	2455	mg/kg	0.05		0.22	0.15		0.19	0.10	0.19
Nickel		M	2455	mg/kg	0.50		25	18		21	20	31
Selenium		M	2455	mg/kg	0.25		1.3	1.2		1.1	0.79	1.4
Zinc		M	2455	mg/kg	0.50		160	91		100	76	110
Acenaphthene		M	2700	mg/kg	0.10		0.29	0.73		< 0.10	< 0.10	< 0.10
Acenaphthylene		M	2700	mg/kg	0.10		0.13	0.21		< 0.10	< 0.10	< 0.10
Anthracene		M	2700	mg/kg	0.10		0.11	1.7		0.13	< 0.10	0.22
Benzo[a]pyrene		M	2700	mg/kg	0.10		1.9	2.7		0.95	0.54	0.52
Benzo[b]fluoranthene		M	2700	mg/kg	0.10		2.5	3.8		1.2	0.72	1.1
Benzo[g,h,i]perylene		M	2700	mg/kg	0.10		1.4	1.8		1.1	0.55	0.44
Benzo[k]fluoranthene		M	2700	mg/kg	0.10		1.4	2.0		0.97	0.67	0.52
Chrysene		M	2700	mg/kg	0.10		2.1	3.8		1.6	0.92	0.56
Dibenz(a,h)Anthracene		M	2700	mg/kg	0.10		0.68	0.54		0.29	0.33	0.23
Fluoranthene		M	2700	mg/kg	0.10		3.6	7.0		1.3	0.66	1.6
Fluorene		M	2700	mg/kg	0.10		0.26	0.68		< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2700	mg/kg	0.10		1.2	1.4		0.58	0.35	0.39
Naphthalene		M	2700	mg/kg	0.10		0.21	0.96		< 0.10	< 0.10	< 0.10
Phenanthrene		M	2700	mg/kg	0.10		2.5	6.8		0.83	0.47	0.97
Pyrene		M	2700	mg/kg	0.10		3.7	7.0		1.7	0.97	1.7
Total Of 16 PAH's		M	2700	mg/kg	2.0		24	44		11	6.7	8.7
ACM Type		N	2192		N/A		-	-		-	-	-
Asbestos Identification		U	2192		N/A		No Asbestos Detected	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020		17	24		27	20	14
Soil Colour		N	2030		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2030		N/A	Stones and Roots	Stones, Roots and grass	Stones, Roots and grass	Stones and Roots	Stones, Roots and grass	Stones, Roots and grass	Stones and Roots
Soil Texture		N	2030		N/A	Loam	Loam	Loam	Loam	Loam	Loam	Loam
Chromatogram EPH	EH_2D_Total_#1	N			N/A			See Attached				
Chromatogram (TPH)	EH_1D_Total	N			N/A		See Attached			See Attached	See Attached	See Attached

Results - Soil

Project: 251009 Gomersal St Mary's Primary School

Client: Roberts Environmental Limited				**Chemtest Job No.:**		25-34930	25-34930	25-34930	25-34930	25-34930	25-34930	25-34930
Quotation No.: Q23-32098				**Chemtest Sample ID.:**		2047042	2047043	2047044	2047045	2047046	2047047	2047048
				Client Reference:		*HP1*	*HP2*	*HP3*	*HP3*	*TP1*	*TP1*	*TP2*
				Sample Type:		*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
				Top Depth (m):		*0.1*	*0.2*	*0.1*	*0.4*	*0.2*	*1*	*0.5*
				Bottom Depth (m):		*0.3*	*0.5*	*0.2*	*0.5*	*0.4*	*1.2*	*0.6*
				Date Sampled:		*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*
				Asbestos Lab:			DURHAM	DURHAM		DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**							
Chromatogram VPH	HS_2D_Total	N			N/A			See Attached				
pH at 20C		M	2010		4.0		8.6	8.0		7.3	7.0	7.5
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		0.018	0.010		< 0.010	0.016	0.018
Cyanide (Free)		M	2300	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				
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				
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00			3.9				
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00			6.9				
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00			12				
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00			40				
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00			11				
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00			62				
Total Aliphatic EPH >C10-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00			74				
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05			< 0.05				
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05			< 0.05				
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05			< 0.05				
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25			< 0.25				
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00			< 1.0				
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00			1.5				
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00			16				
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00			47				
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00			10				
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00			65				
Total Aromatic EPH >C10-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	10.00			75				
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50			< 0.50				
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00			130				
Total EPH >C10-C40 MC	EH_2D_Total_#1	N	2690	mg/kg	10.00			150				
Organic Matter		M	2625	%	0.40		11	15		10	6.4	6.2
Total Organic Carbon		M	2625	%	0.20		6.6	8.8		5.9	3.7	3.6
Total TPH >C6-C40	EH_1D_Total	U	2670	mg/kg	10		370			120	< 10	58
Benzo[a]anthracene		M	2700	mg/kg	0.10		2.0	3.3		0.78	0.56	0.42
Benzene		M	2760	µg/kg	1.0							
Toluene		M	2760	µg/kg	1.0							

Results - Soil

Project: 251009 Gomersal St Mary's Primary School

Client: Roberts Environmental Limited						**Chemtest Job No.:**	25-34930	25-34930	25-34930	25-34930	25-34930	25-34930	25-34930
Quotation No.: Q23-32098						**Chemtest Sample ID.:**	2047042	2047043	2047044	2047045	2047046	2047047	2047048
						Client Reference:	*HP1*	*HP2*	*HP3*	*HP3*	*TP1*	*TP1*	*TP2*
						Sample Type:	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
						Top Depth (m):	*0.1*	*0.2*	*0.1*	*0.4*	*0.2*	*1*	*0.5*
						Bottom Depth (m):	*0.3*	*0.5*	*0.2*	*0.5*	*0.4*	*1.2*	*0.6*
						Date Sampled:	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*
						Asbestos Lab:		DURHAM	DURHAM		DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Ethylbenzene		M	2760	µg/kg	1.0								
m & p-Xylene		M	2760	µg/kg	1.0								
o-Xylene		M	2760	µg/kg	1.0								

Results - Soil

Project: 251009 Gomersal St Mary's Primary School

Client: Roberts Environmental Limited			**Chemtest Job No.:**			25-34930	25-34930	25-34930
Quotation No.: Q23-32098			**Chemtest Sample ID.:**			2047049	2047050	2047051
			Client Reference:			*TP2*	*TP3*	*COMP*
			Sample Type:			*SOIL*	*SOIL*	*SOIL*
			Top Depth (m):			*1*	*0.3*	
			Bottom Depth (m):			*1.5*	*0.4*	
			Date Sampled:			*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*
			Asbestos Lab:			DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**			
Arsenic		M	2455	mg/kg	0.5	3.3	41	26
Cadmium		M	2455	mg/kg	0.10	< 0.10	< 0.10	0.28
Chromium		M	2455	mg/kg	0.5	15	22	18
Chromium (Trivalent)		N	2490	mg/kg	1.0	15	22	18
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Copper		M	2455	mg/kg	0.50	19	58	38
Lead		M	2455	mg/kg	0.50	11	260	120
Mercury		M	2455	mg/kg	0.05	< 0.05	0.28	0.15
Nickel		M	2455	mg/kg	0.50	29	24	15
Selenium		M	2455	mg/kg	0.25	0.54	1.1	0.87
Zinc		M	2455	mg/kg	0.50	79	110	72
Acenaphthene		M	2700	mg/kg	0.10	< 0.10	< 0.10	0.22
Acenaphthylene		M	2700	mg/kg	0.10	< 0.10	< 0.10	0.10
Anthracene		M	2700	mg/kg	0.10	< 0.10	0.21	0.46
Benzo[a]pyrene		M	2700	mg/kg	0.10	< 0.10	1.1	1.6
Benzo[b]fluoranthene		M	2700	mg/kg	0.10	< 0.10	1.7	2.1
Benzo[g,h,i]perylene		M	2700	mg/kg	0.10	< 0.10	3.6	1.1
Benzo[k]fluoranthene		M	2700	mg/kg	0.10	< 0.10	0.50	1.3
Chrysene		M	2700	mg/kg	0.10	< 0.10	1.1	2.0
Dibenz(a,h)Anthracene		M	2700	mg/kg	0.10	< 0.10	0.62	0.14
Fluoranthene		M	2700	mg/kg	0.10	< 0.10	1.6	2.9
Fluorene		M	2700	mg/kg	0.10	< 0.10	< 0.10	0.17
Indeno(1,2,3-c,d)Pyrene		M	2700	mg/kg	0.10	< 0.10	1.5	0.82
Naphthalene		M	2700	mg/kg	0.10	< 0.10	< 0.10	0.85
Phenanthrene		M	2700	mg/kg	0.10	< 0.10	1.1	2.4
Pyrene		M	2700	mg/kg	0.10	< 0.10	1.8	3.1
Total Of 16 PAH's		M	2700	mg/kg	2.0	< 2.0	16	21
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	8.4	21	26
Soil Colour		N	2030		N/A	Brown	Brown	Brown
Other Material		N	2030		N/A	Stones	Stones and Roots	Stones, Roots and grass
Soil Texture		N	2030		N/A	Sand	Loam	Loam
Chromatogram EPH	EH_2D_Total_#1	N			N/A		See Attached	
Chromatogram (TPH)	EH_1D_Total	N			N/A	See Attached		See Attached

Results - Soil

Project: 251009 Gomersal St Mary's Primary School

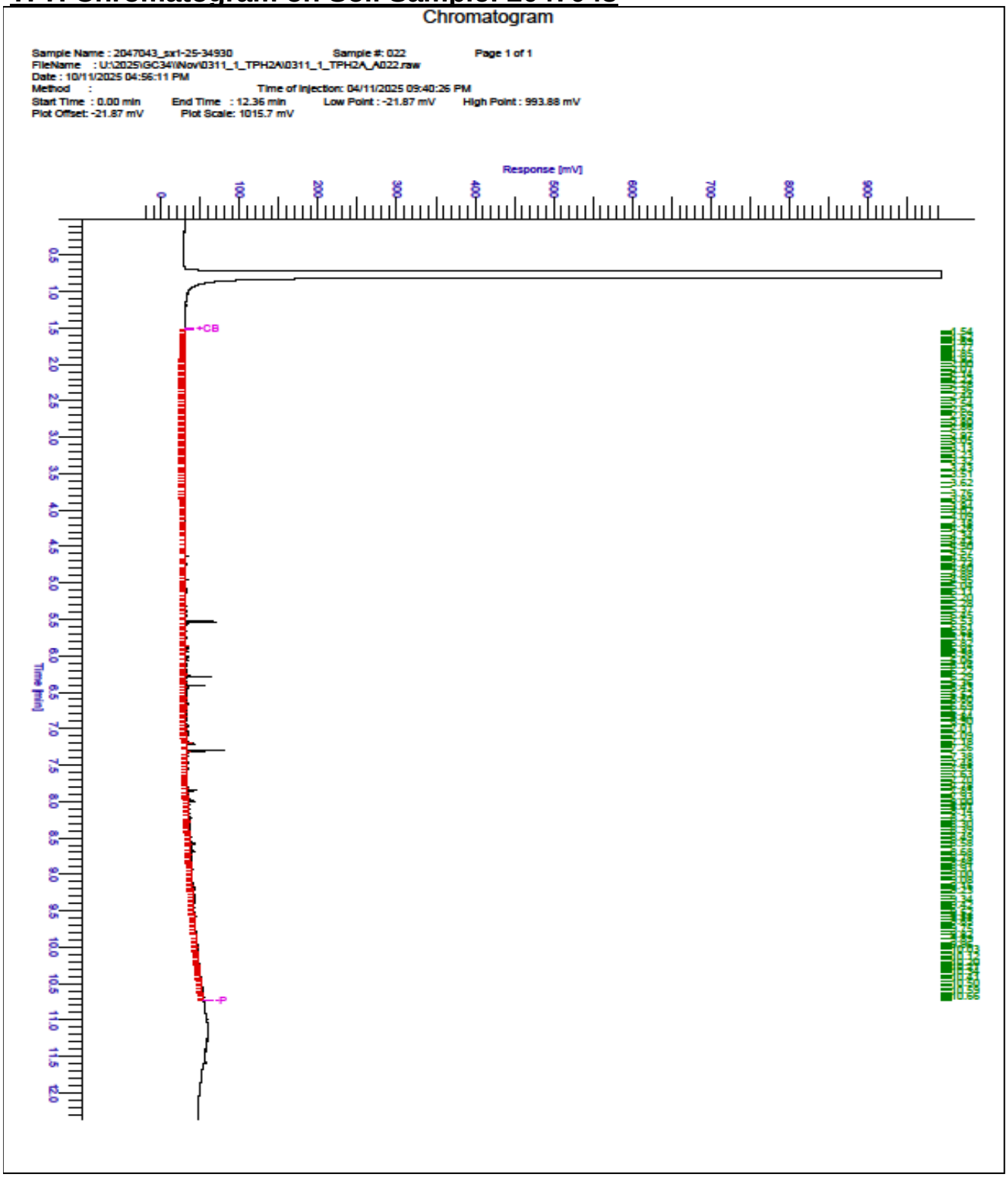
Client: Roberts Environmental Limited			**Chemtest Job No.:**			25-34930	25-34930	25-34930
Quotation No.: Q23-32098			**Chemtest Sample ID.:**			2047049	2047050	2047051
			Client Reference:			*TP2*	*TP3*	*COMP*
			Sample Type:			*SOIL*	*SOIL*	*SOIL*
			Top Depth (m):			*1*	*0.3*	
			Bottom Depth (m):			*1.5*	*0.4*	
			Date Sampled:			*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*
			Asbestos Lab:			DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**			
Chromatogram VPH	HS_2D_Total	N			N/A		See Attached	
pH at 20C		M	2010		4.0	7.6	7.9	6.8
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	0.012	0.031	< 0.010
Cyanide (Free)		M	2300	mg/kg	0.50	< 0.50	< 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	
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		2.4	
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00		4.5	
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		7.6	
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00		30	
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00		< 10	
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00		45	
Total Aliphatic EPH >C10-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00		54	
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		< 0.25	
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		< 1.0	
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		1.6	
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		19	
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		57	
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00		22	
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00		77	
Total Aromatic EPH >C10-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	10.00		99	
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		< 0.50	
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00		120	
Total EPH >C10-C40 MC	EH_2D_Total_#1	N	2690	mg/kg	10.00		150	
Organic Matter		M	2625	%	0.40	0.41	8.8	12
Total Organic Carbon		M	2625	%	0.20	0.24	5.1	7.0
Total TPH >C6-C40	EH_1D_Total	U	2670	mg/kg	10	< 10		110
Benzo[a]anthracene		M	2700	mg/kg	0.10	< 0.10	0.72	1.6
Benzene		M	2760	µg/kg	1.0			< 1.0
Toluene		M	2760	µg/kg	1.0			< 1.0

Results - Soil

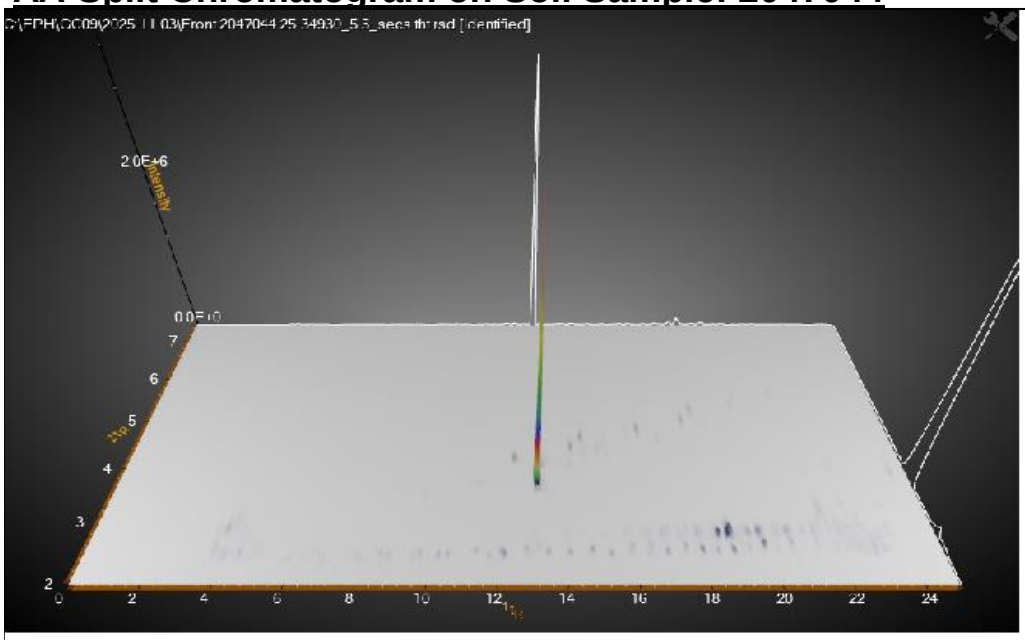
Project: 251009 Gomersal St Mary's Primary School

Client: Roberts Environmental Limited				**Chemtest Job No.:**		25-34930	25-34930	25-34930
Quotation No.: Q23-32098				**Chemtest Sample ID.:**		2047049	2047050	2047051
				Client Reference:		*TP2*	*TP3*	*COMP*
				Sample Type:		*SOIL*	*SOIL*	*SOIL*
				Top Depth (m):		*1*	*0.3*	
				Bottom Depth (m):		*1.5*	*0.4*	
				Date Sampled:		*27-Oct-2025*	*27-Oct-2025*	*27-Oct-2025*
				Asbestos Lab:		DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**			
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

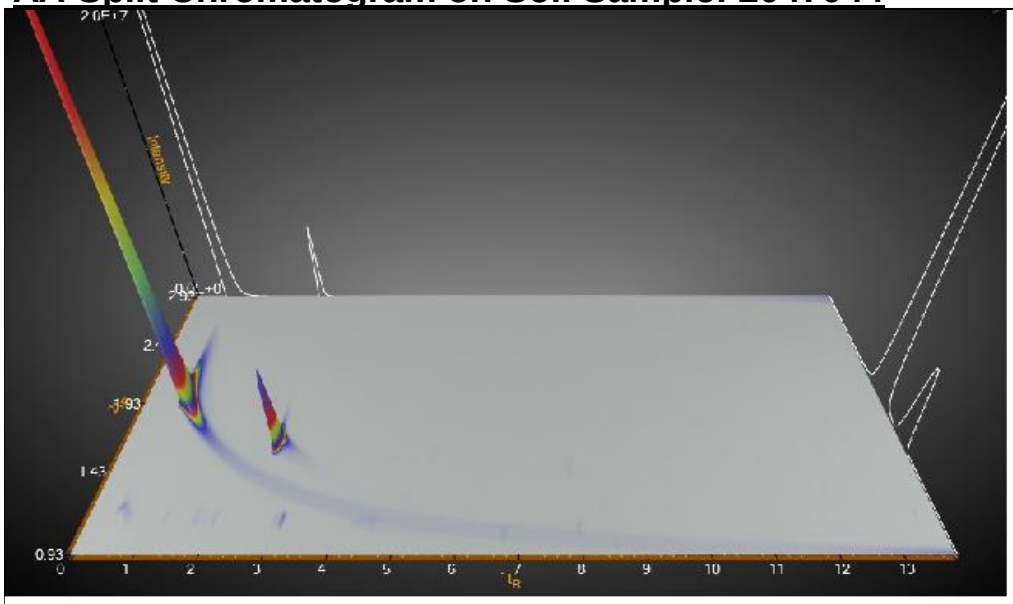
TPH Chromatogram on Soil Sample: 2047043



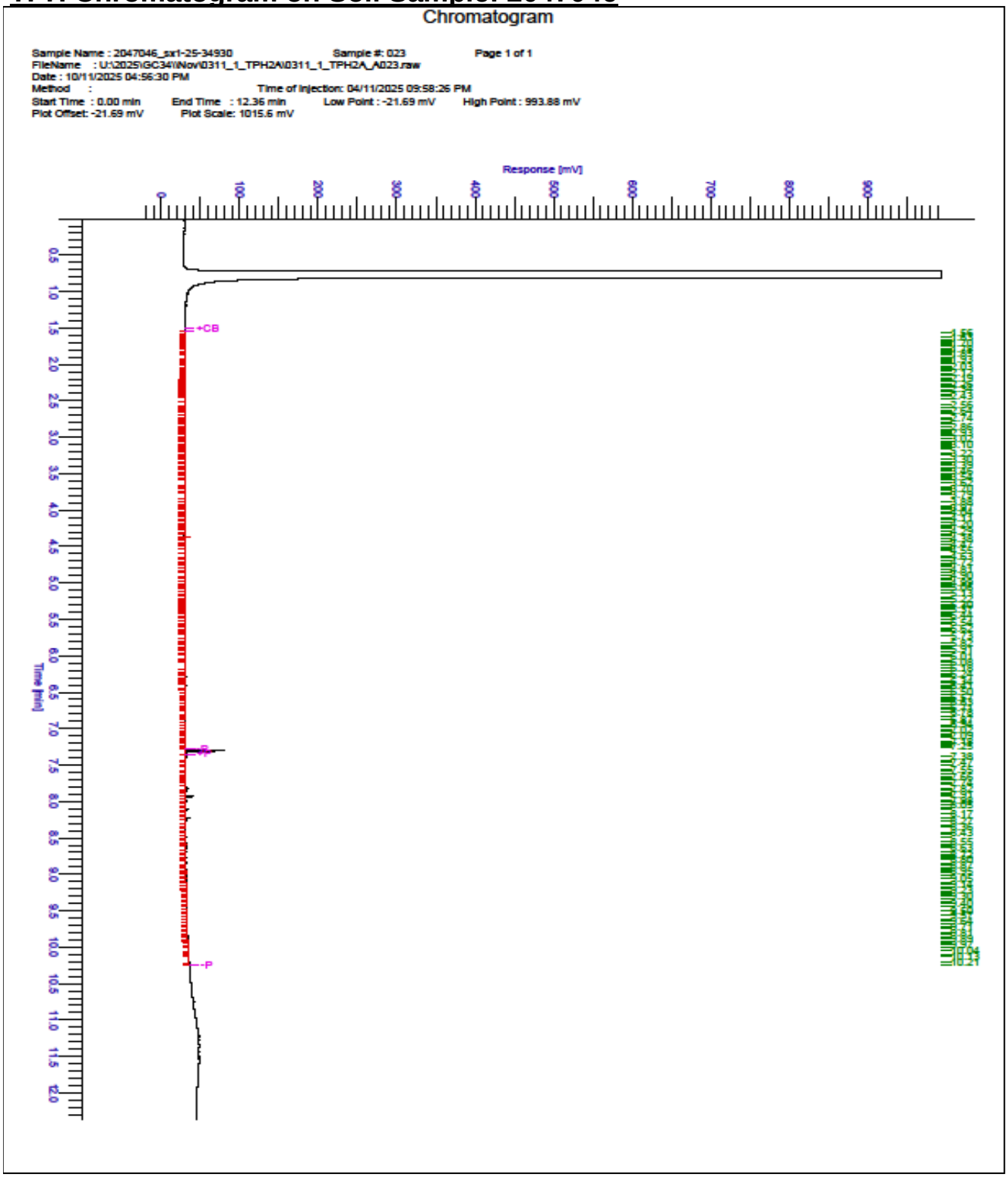
AA-Split Chromatogram on Soil Sample: 2047044



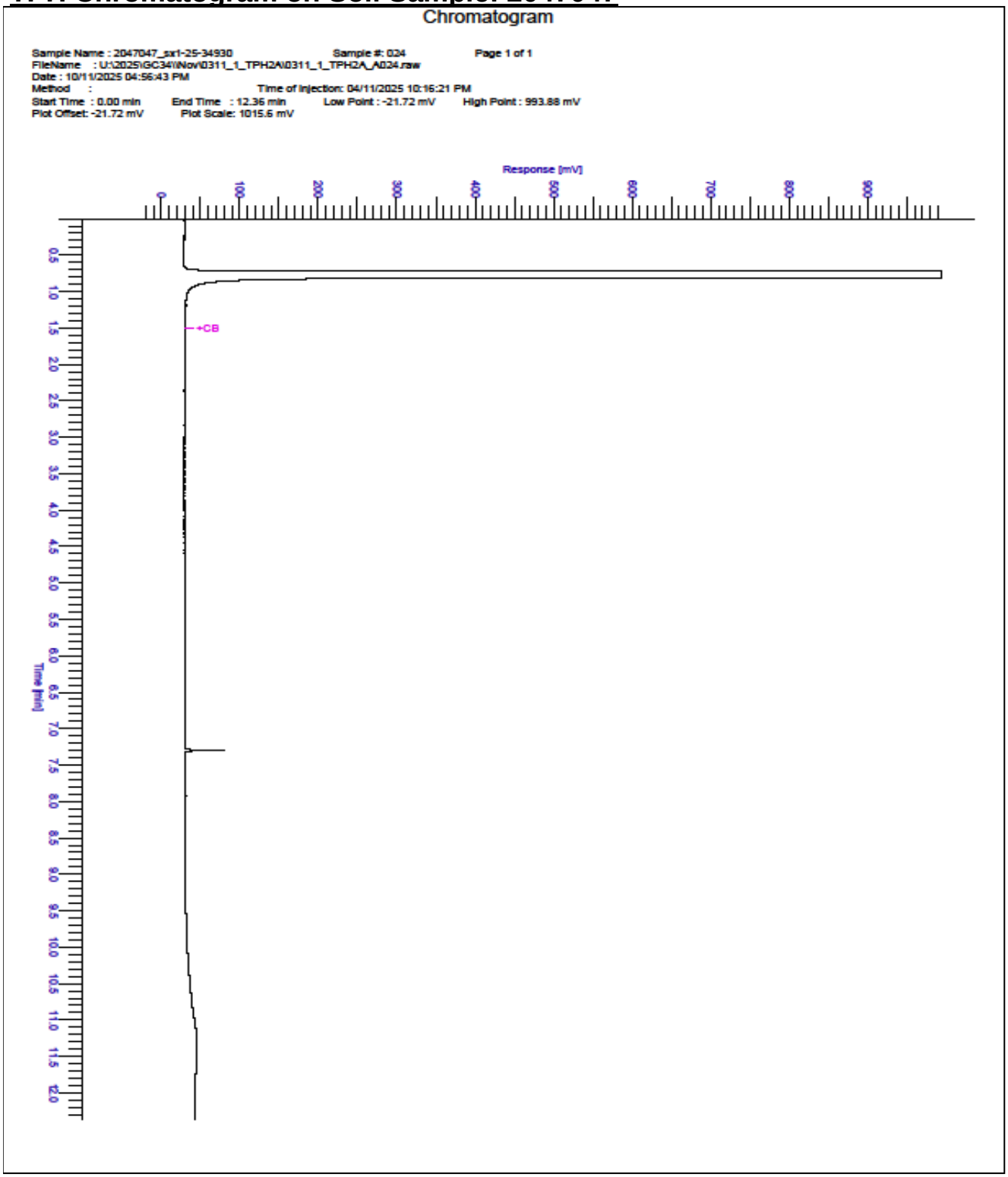
AA-Split Chromatogram on Soil Sample: 2047044



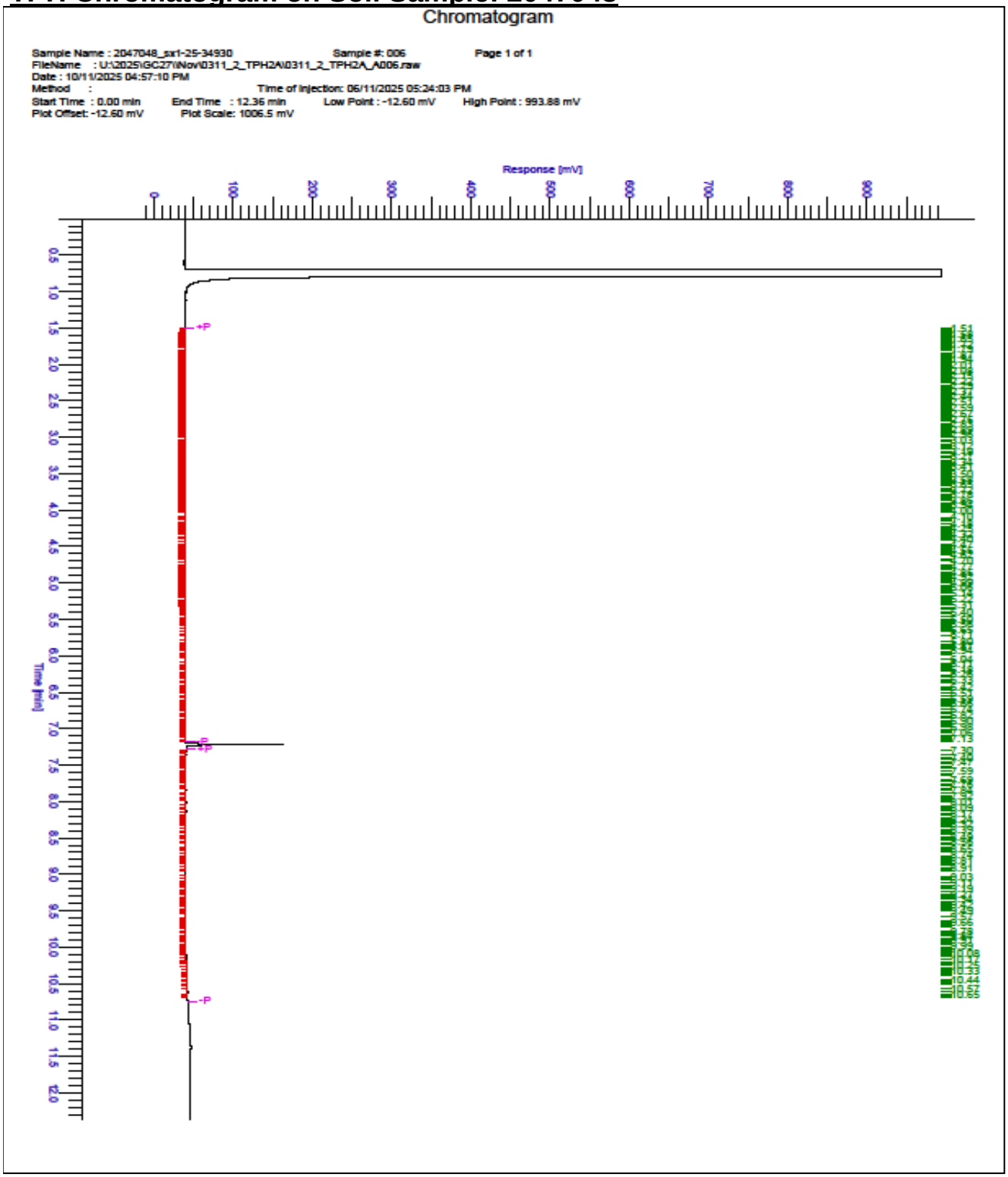
TPH Chromatogram on Soil Sample: 2047046



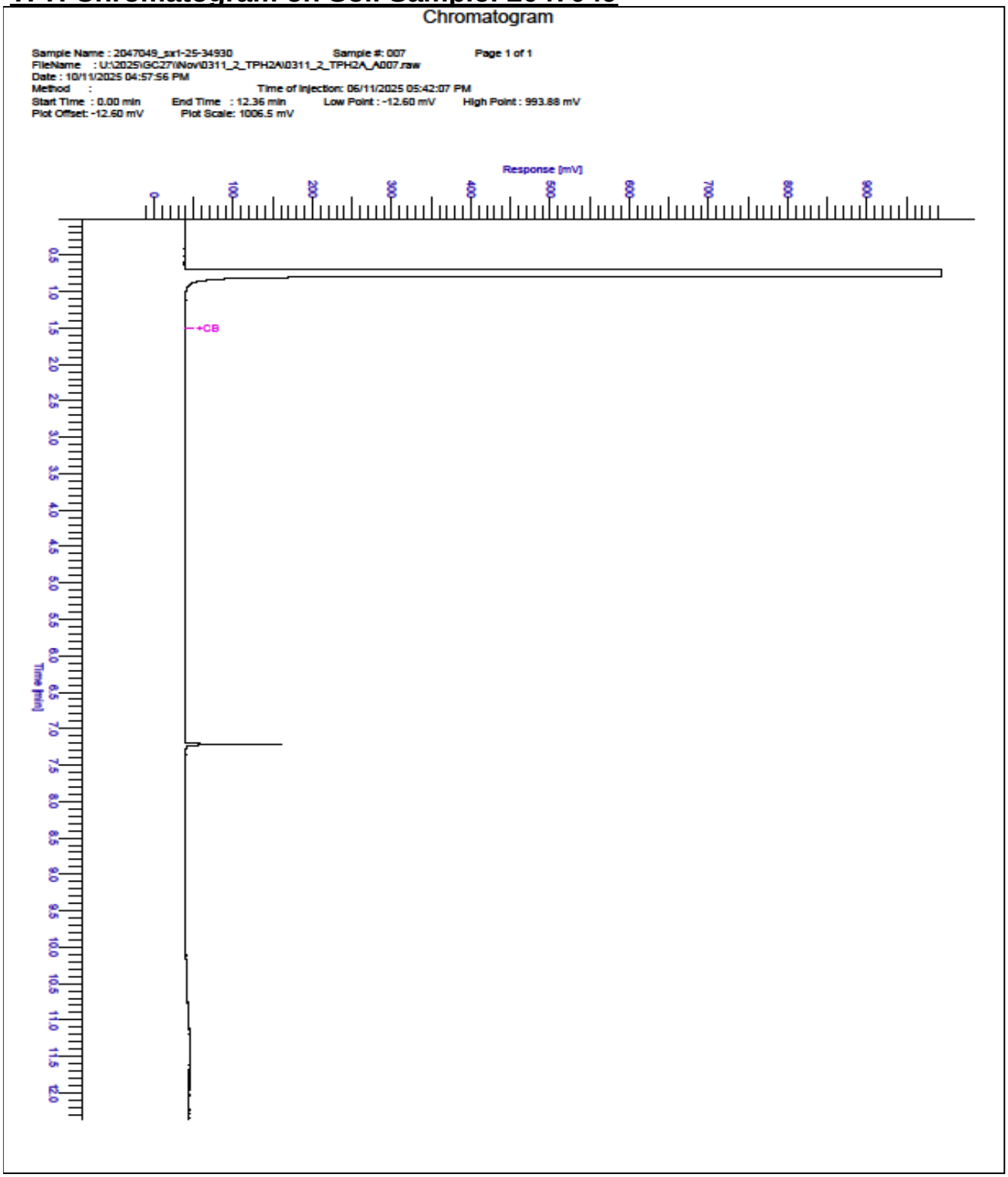
TPH Chromatogram on Soil Sample: 2047047



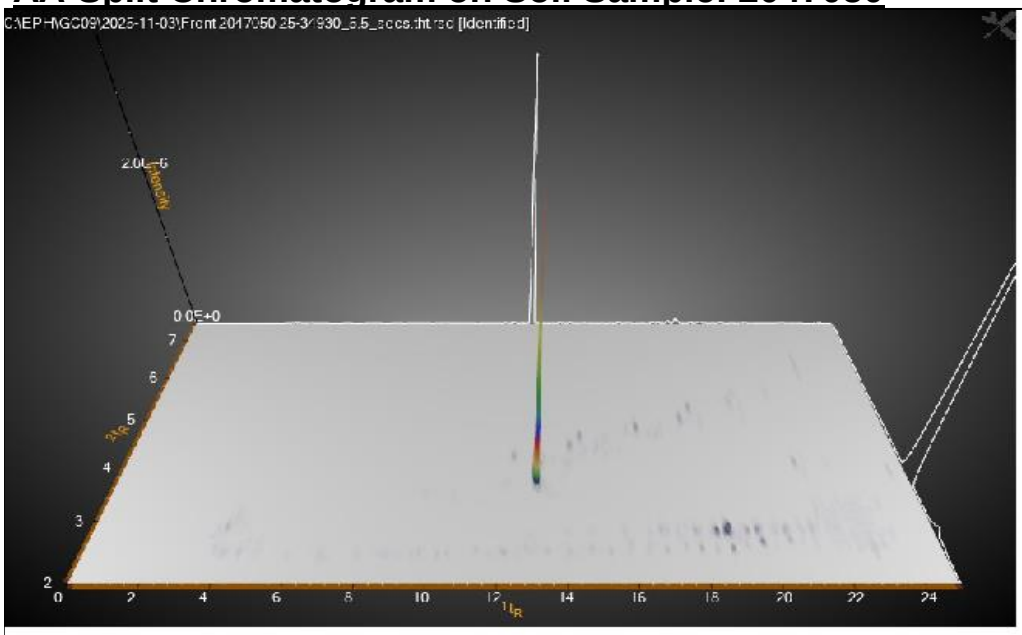
TPH Chromatogram on Soil Sample: 2047048



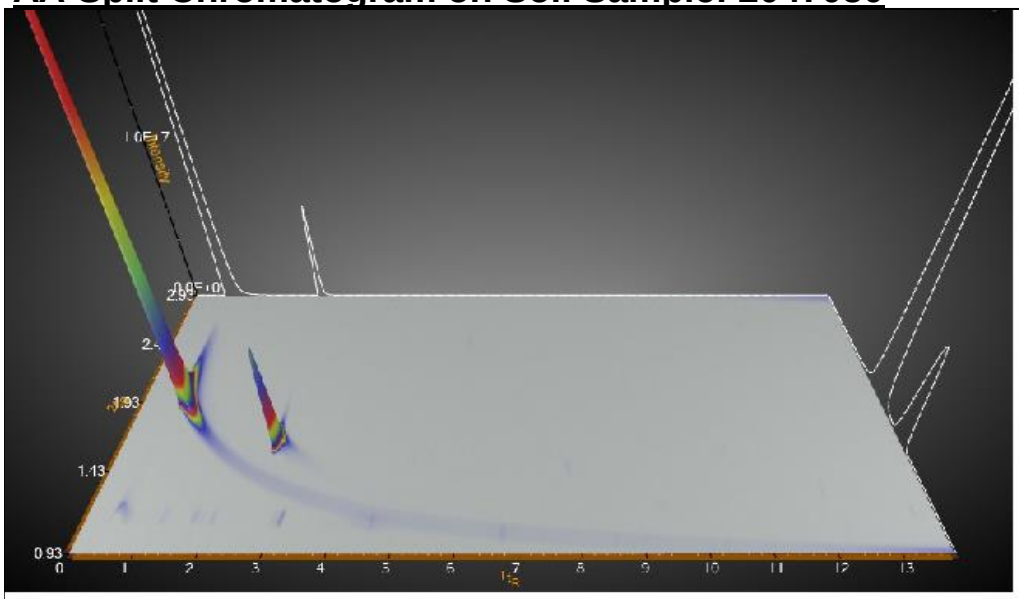
TPH Chromatogram on Soil Sample: 2047049



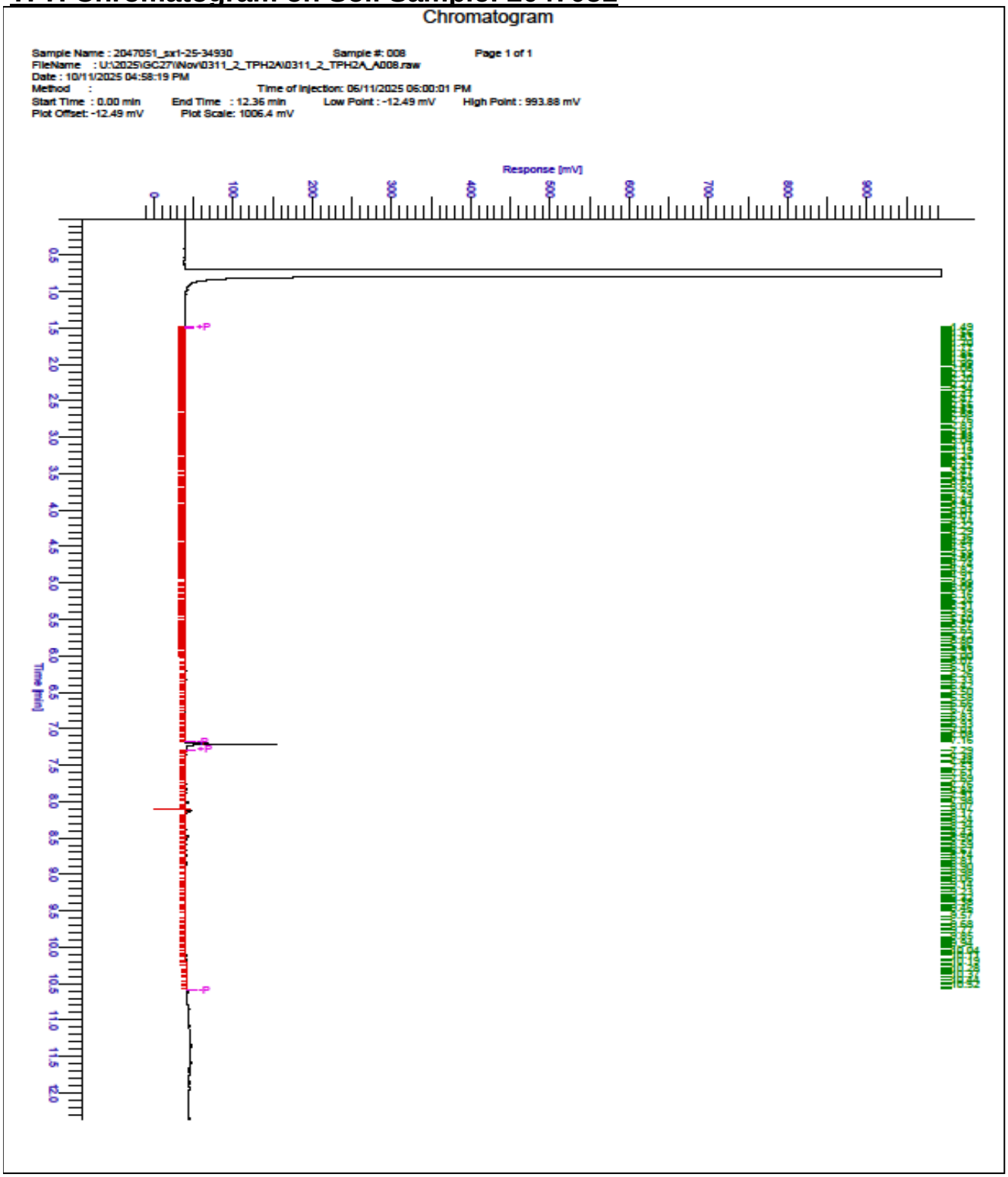
AA-Split Chromatogram on Soil Sample: 2047050



AA-Split Chromatogram on Soil Sample: 2047050



TPH Chromatogram on Soil Sample: 2047051



Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	RE PW TE TS PL DW GW
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	RE PW PL LE DW GW
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.	
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
1670	Total Petroleum Hydrocarbons (TPH) in Waters by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO	Pentane extraction / GC FID detection	PL GW
1700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)	GW PL
2010	pH Value of Soils	pH at 20°C	pH Meter	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
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	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
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-diphenylcarbazide.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	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	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)	

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
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	
640	Characterisation of Waste (Leaching C10)	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 ≤ 30°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

Enclosure 4

ROBERTS ENVIRONMENTAL LTD	**Job No:**	251009								Below Assessment Criteria				
	Site Name:	St Marys Primary School								Same as Assessment Criteria				
	Client:	KPS								Above Assessment Criteria				
										Below Limit of Detection				
	Land Use Scenario:	Public Open Space - Park								**LQM S4ULs**	Suitable 4 Use Levels			
Sample Reference:	HP2	HP3	TP1	TP1	TP2	TP2	TP3	COMP		**ATRISKSOIL**	Atkins - Soil Screening Values			
Top Depth:	0.2	0.1	0.2	1	0.5	1	0.3	0		**EIC/AGS/CLAIRE**	Generic Assessment Criteria			
Bottom Depth:	0.5	0.2	0.4	1.2	0.6	1.5	0.4	0.3		**CLAIRE interim C4SLs**	Category 4 Screening Levels			
Date:	27-Oct-2025	27-Oct-2025	27-Oct-2025	27-Oct-2025	27-Oct-2025	27-Oct-2025	27-Oct-2025	27-Oct-2025				**Assessment Criteria**		
Deposit Type	Topsoil	Topsoil	Topsoil	Natural	Topsoil	Natural	Topsoil	Topsoil	**Units**	**Maximum Concentration**	**1% SOM**	**2.5% SOM**	**6% SOM**	**Source**
Standard Analytes - Inorganics														
pH	8.6	8.0	7.3	7.0	7.5	7.6	7.9	6.8	-	8.6	N/A	N/A	N/A	N/A
Sulphate (2:1 Water Soluble) as SO4	0.018	0.010	< 0.010	0.016	0.018	0.012	0.031	< 0.010	g/L	0.031	N/A	N/A	N/A	N/A
Cyanide (Free)	< 0.50	< 0.50	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	mg/kg	0.5	34	34	34	ATRISKSOIL
Organic Matter	11	15	10	6.4	6.2	0.41	8.8	12	%	15	N/A	N/A	N/A	N/A
Total Organic Carbon	6.6	8.8	5.9	3.7	3.6	0.24	5.1	7.0	%	8.8	N/A	N/A	N/A	N/A
Actual SOM Calculation (TOC /0.58)	11.3793103	15.1724138	10.1724138	6.37931034	6.20689655	0.4137931	8.79310345	12.0689655	%	15.17241379	N/A	N/A	N/A	N/A
SELECT SOM (%)	6	6	6	6	6	1	6	6			N/A	N/A	N/A	N/A
Standard Analytes - Metals														
Arsenic	33	28	34	19	33	3.3	41	26	mg/kg	41	168	168	168	LQM S4ULs
Cadmium	0.51	0.27	0.32	0.20	0.35	< 0.10	< 0.10	0.28	mg/kg	0.51	532	532	532	LQM S4ULs
Chromium (Total)	30	18	21	20	26	15	22	18	mg/kg	30	N/A	N/A	N/A	N/A
Chromium III	30	18	21	20	26	15	22	18	mg/kg	30	33000	33000	33000	LQM S4ULs
Chromium VI	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	mg/kg	0	220	220	220	LQM S4ULs
Copper	65	44	51	33	57	19	58	38	mg/kg	65	44000	44000	44000	LQM S4ULs
Lead	190	130	150	99	120	11	260	120	mg/kg	260	310	310	310	LQM S4ULs
Mercury (Elemental Hg)	0.22	0.15	0.19	0.10	0.19	< 0.05	0.28	0.15	mg/kg	0.28	68	68	68	LQM S4ULs
Nickel	25	18	21	20	31	29	24	15	mg/kg	31	3400	3400	3400	LQM S4ULs
Selenium	1.3	1.2	1.1	0.79	1.4	0.54	1.1	0.87	mg/kg	1.4	1800	1800	1800	LQM S4ULs
Zinc	160	91	100	76	110	79	110	72	mg/kg	160	170000	170000	170000	LQM S4ULs
Standard Analytes - PAHs														
Acenaphthene	0.29	0.73	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.22	mg/kg	0.73	29000	30000	30000	LQM S4ULs
Acenaphthylene	0.13	0.21	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.10	mg/kg	0.21	29000	30000	30000	LQM S4ULs
Anthracene	0.11	1.7	0.13	< 0.10	0.22	< 0.10	0.21	0.46	mg/kg	1.7	150000	150000	150000	LQM S4ULs
Benzo[a]anthracene	2.0	3.3	0.78	0.56	0.42	< 0.10	0.72	1.6	mg/kg	3.3	49	56	62	LQM S4ULs
Benzo[a]pyrene	1.9	2.7	0.95	0.54	0.52	< 0.10	1.1	1.6	mg/kg	2.7	11	12	13	LQM S4ULs
Benzo[b]fluoranthene	2.5	3.8	1.2	0.72	1.1	< 0.10	1.7	2.1	mg/kg	3.8	13	15	16	LQM S4ULs
Benzo[ghi]perylene	1.4	1.8	1.1	0.55	0.44	< 0.10	3.6	1.1	mg/kg	3.6	1400	1500	1600	LQM S4ULs
Benzo[k]fluoranthene	1.4	2.0	0.97	0.67	0.52	< 0.10	0.50	1.3	mg/kg	2	370	410	440	LQM S4ULs
Chrysene	2.1	3.8	1.6	0.92	0.56	< 0.10	1.1	2.0	mg/kg	3.8	93	110	120	LQM S4ULs
Dibenz[ah]anthracene	0.68	0.54	0.29	0.33	0.23	< 0.10	0.62	0.14	mg/kg	0.68	1.1	1.3	1.4	LQM S4ULs
Fluoranthene	3.6	7.0	1.3	0.66	1.6	< 0.10	1.6	2.9	mg/kg	7	6300	6300	6400	LQM S4ULs
Fluorene	0.26	0.68	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.17	mg/kg	0.68	20000	20000	20000	LQM S4ULs
Indeno[123-cd]pyrene	1.2	1.4	0.58	0.35	0.39	< 0.10	1.5	0.82	mg/kg	1.5	150	170	180	LQM S4ULs
Napthalene	0.21	0.96	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.85	mg/kg	0.96	1200	1900	3000	LQM S4ULs
Phenanthrene	2.5	6.8	0.83	0.47	0.97	< 0.10	1.1	2.4	mg/kg	6.8	6200	6200	6300	LQM S4ULs
Pyrene	3.7	7.0	1.7	0.97	1.7	< 0.10	1.8	3.1	mg/kg	7	15000	15000	15000	LQM S4ULs
Standard Analytes - Speciated TPH														
Aliphatic C5-C6		< 0.05					< 0.05		mg/kg	0	95000	130000	180000	LQM S4ULs
Aliphatic C6-C8		< 0.10					< 0.10		mg/kg	0	150000	220000	320000	LQM S4ULs
Aliphatic C8-C10		< 0.05					< 0.05		mg/kg	0	14000	18000	21000	LQM S4ULs
Aliphatic C10-C12		3.9					2.4		mg/kg	3.9	21000	23000	24000	LQM S4ULs
Aliphatic C12-C16		6.9					4.5		mg/kg	6.9	25000	25000	26000	LQM S4ULs
Aliphatic C16-C21		12					7.6		mg/kg	12	N/A	N/A	N/A	*Combined Assessment
Aliphatic C21-C35		40					30		mg/kg	40	N/A	N/A	N/A	*Combined Assessment
Aliphatic C35-C44		11					< 10		mg/kg	11	450000	480000	490000	LQM S4ULs
Aliphatic C10-C44							54		mg/kg	54	N/A	N/A	N/A	N/A
Aromatic C5-C7		< 0.05					< 0.05		mg/kg	0	76000	84000	92000	LQM S4ULs
Aromatic C7-C8		< 0.05					< 0.05		mg/kg	0	87000	95000	100000	LQM S4ULs
Aromatic C8-C10		< 0.05					< 0.05		mg/kg	0	7200	8500	9300	LQM S4ULs
Aromatic C10-C12		< 1.0					< 1.0		mg/kg	0	9200	9700	10000	LQM S4ULs
Aromatic C12-C16		1.5					1.6		mg/kg	1.6	10000	10000	10000	LQM S4ULs
Aromatic C16-C21		16					19		mg/kg	19	7600	7700	7800	LQM S4ULs
Aromatic C21-C35		47					57		mg/kg	57	7800	7800	7900	LQM S4ULs
Aromatic C35-C44		10					22		mg/kg	22	7800	7800	7900	LQM S4ULs
Aromatic C10-C44		65					77		mg/kg	77	N/A	N/A	N/A	N/A
Ali/Aro C10-C44		75					99		mg/kg	99	N/A	N/A	N/A	N/A
Aliphatic C16-C35 (Combined)	0	52	0	0	0	0	37.6	0	mg/kg	52	450000	480000	490000	LQM S4ULs
Standard Analytes - TPH Total Only														
TPH Total >C6-C40									mg/kg	0	7200	7700	7800	Lowest of LQM S4ULs
Standard Analytes - Asbestos														
Asbestos	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	-		N/A	N/A	N/A	N/A

ROBERTS ENVIRONMENTAL LTD	**Job No:**	251009				Below Assessment Criteria	
	Site Name:	St Marys Primary School					
	Client:	KPS				Same as Assessment Criteria	
	Most Sensitive Receptor:	General Controlled Waters				Above Assessment Criteria	
Sample Reference:	HP1	HP3	TP3			Below Limit of Detection	
Top Depth:	0.1	0.4	0.3				
Bottom Depth:	0.3	0.5	0.4				
Date:	27-Oct-2025	27-Oct-2025	27-Oct-2025				
Deposit Type:	Topsoil	Topsoil	Topsoil	**Units**	**Maximum Concentration**	**Assessment Criteria**	**Source**
Standard Analyes - Inorganics and pH							
pH	8.4	8.3	7.9	Unitless	8.4	6 to 9	EA EQS
Sulphate	< 1.0	< 1.0	< 1.0	mg/l	0	400	EA EQS
Cyanide (Free)	< 0.050	< 0.050	< 0.050	mg/l	0	50	WHO GDWQ
Arsenic	0.96	< 0.20	< 0.20	µg/l	0.96	50	EA EQS
Boron	< 10	< 10	< 10	µg/l	0	7000	EA EQS
Cadmium	< 0.11	< 0.11	< 0.11	µg/l	0	3	WHO GDWQ
Copper	4.5	6.8	5.5	µg/l	6.8	2000	WHO GDWQ
Mercury	< 0.05	< 0.05	< 0.05	µg/l	0	6	WHO GDWQ
Nickel	0.77	1.2	0.89	µg/l	1.2	70	WHO GDWQ
Lead	1.9	1.6	0.84	µg/l	1.9	10	WHO GDWQ
Selenium	< 0.50	< 0.50	< 0.50	µg/l	0	71	USEPA WQC
Zinc	14	20	13	µg/l	20	3000	WHO GDWQ
Chromium (Total)	< 0.50	< 0.50	< 0.50	µg/l	0	50	WHO GDWQ
Standard Analytes - TPH Banded							0
TPH >C5-C6	< 0.10	< 0.10	< 0.10	µg/l	0	10	WHO 2008
TPH >C6-C7	< 0.10	< 0.10	< 0.10	µg/l	0	10	WHO 2008
TPH >C7-C8	< 0.10	< 0.10	< 0.10	µg/l	0	700	WHO 2008
TPH >C8-C10	< 0.10	< 0.10	< 0.10	µg/l	0	300	WHO 2008
TPH >C10-C12	< 0.10	< 0.10	< 0.10	µg/l	0	90	WHO 2008
TPH >C12-C16	< 0.10	< 0.10	< 0.10	µg/l	0	90	WHO 2008
TPH >C16-C21	< 0.10	< 0.10	< 0.10	µg/l	0	90	WHO 2008
TPH >C21-C35	< 0.10	< 0.10	< 0.10	µg/l	0	90	WHO 2008
TPH >C35-C44	< 0.10	< 0.10	< 0.10	µg/l	0	N/A	N/A
Total TPH >C5-C44	< 10	< 10	< 10	µg/l	0	20	USEPA MA GWS
Standard Analytes - PAHs							0
Naphthalene	< 0.10	< 0.10	< 0.10	µg/l	0	700	USEPA DWEL
Acenaphthylene	< 0.10	< 0.10	< 0.10	µg/l	0	420	USEPA NHGWS
Acenaphthene	< 0.10	< 0.10	< 0.10	µg/l	0	2000	USEPA DWEL
Fluorene	< 0.10	< 0.10	< 0.10	µg/l	0	1000	USEPA DWEL
Phenanthrene	< 0.10	< 0.10	< 0.10	µg/l	0	6.3	USEPA WQC
Anthracene	< 0.10	< 0.10	< 0.10	µg/l	0	10000	USEPA DWEL
Fluoranthene	< 0.10	< 0.10	< 0.10	µg/l	0	4	WHO GDWQ
Pyrene	< 0.10	< 0.10	< 0.10	µg/l	0	210	USEPA NHGWS
Benzo[a]anthracene	< 0.10	< 0.10	< 0.10	µg/l	0	0.05	USEPA NHGWS
Chrysene	< 0.10	< 0.10	< 0.10	µg/l	0	5	USEPA NHGWS
Benzo[b]fluoranthene	< 0.10	< 0.10	< 0.10	µg/l	0	0.017	EA EQS
Benzo[k]fluoranthene	< 0.10	< 0.10	< 0.10	µg/l	0	0.017	EA EQS
Benzo[a]pyrene	< 0.10	< 0.10	< 0.10	µg/l	0	0.7	WHO GDWQ
Indeno(1,2,3-c,d)Pyrene	< 0.10	< 0.10	< 0.10	µg/l	0	0.00017	EA EQS
Dibenz(a,h)Anthracene	< 0.10	< 0.10	< 0.10	µg/l	0	0.005	USEPA NHGWS
Benzo[g,h,i]perylene	< 0.10	< 0.10	< 0.10	µg/l	0	0.0082	EA EQS

Enclosure 5

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:

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

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

YBPLF-Y8EMJ-DKVPE

This Waste Classification Report contains user defined substances. See Appendix A for details.

Report is invalid if pages are removed.

Job name

Gomersall, St Marys Primary School

Description/Comments

Project

250913

Site

St Marys Primary School

Classified by

Name:
Andrew Cuthbert
Date:
11 Dec 2025 16:04 GMT
Telephone:
0191 230 4521

Company:
Roberts Environmental Ltd
1 Croft Stairs
Newcastle upon Tyne
NE1 2HG

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

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	-

Purpose of classification

2 - Material Characterisation

Address of the waste

l St Marys Primary School, Shirley Avenue, Gomersal, Cleckheaton **Post Code** BD19 4NA

SIC for the process giving rise to the waste

Description of industry/producer giving rise to the waste

Redevelopment of site

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

Redevelopment of site

Description of the waste

Made Ground / Topsoil

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	HP2	0.2	Non Hazardous		3
2	HP3	0.1	Non Hazardous		6
3	TP1	0.2	Non Hazardous		9
4	TP1[2]	1	Non Hazardous		12
5	TP2	0.5	Non Hazardous		14
6	TP2[2]	1	Non Hazardous		17
7	TP3	0.3	Non Hazardous		19
8	COMP		Non Hazardous		22

Related documents

#	Name	Description
1	Roberts Environmental	waste stream template used to create this Job

Report

Created by: Andrew Cuthbert

Created date: 11 Dec 2025 16:04 GMT

Classification of sample: HP2

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

Sample details

Sample name:
HP2
Sample Depth:
0.2 m
Moisture content:
17%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		33 mg/kg		33 mg/kg	0.0033 %		
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.51 mg/kg		0.51 mg/kg	0.000051 %		
3	Chromium Total					30 mg/kg		30 mg/kg	0.003 %		
4	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30 mg/kg	1.462	43.847 mg/kg	0.00438 %		
5	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		**<LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		65 mg/kg	1.126	73.183 mg/kg	0.00732 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	190 mg/kg	1.56	296.365 mg/kg	0.019 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.22 mg/kg	1.353	0.298 mg/kg	0.0000298 %		
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		25 mg/kg	2.976	74.407 mg/kg	0.00744 %		
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.3 mg/kg	1.405	1.827 mg/kg	0.000183 %		
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		160 mg/kg	2.774	443.863 mg/kg	0.0444 %		
12	pH			PH		8.6 pH		8.6 pH	8.6 pH		
13	Sulphate (2:1 water soluble)					0.018 mg/kg		0.018 mg/kg	0.0000018 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14		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 }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
15		acenaphthene		201-469-6	83-32-9		0.29	mg/kg		0.29	mg/kg	0.000029 %		
16		acenaphthylene		205-917-1	208-96-8		0.13	mg/kg		0.13	mg/kg	0.000013 %		
17		anthracene		204-371-1	120-12-7		0.11	mg/kg		0.11	mg/kg	0.000011 %		
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2	mg/kg		2	mg/kg	0.0002 %		
19		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.9	mg/kg		1.9	mg/kg	0.00019 %		
20		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		2.5	mg/kg		2.5	mg/kg	0.00025 %		
21		benzo[ghi]perylene		205-883-8	191-24-2		1.4	mg/kg		1.4	mg/kg	0.00014 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1.4	mg/kg		1.4	mg/kg	0.00014 %		
23		chrysene	601-048-00-0	205-923-4	218-01-9		2.1	mg/kg		2.1	mg/kg	0.00021 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.68	mg/kg		0.68	mg/kg	0.000068 %		
25		fluoranthene		205-912-4	206-44-0		3.6	mg/kg		3.6	mg/kg	0.00036 %		
26		fluorene		201-695-5	86-73-7		0.26	mg/kg		0.26	mg/kg	0.000026 %		
27		indeno[123-cd]pyrene		205-893-2	193-39-5		1.2	mg/kg		1.2	mg/kg	0.00012 %		
28		naphthalene	601-052-00-2	202-049-5	91-20-3		0.21	mg/kg		0.21	mg/kg	0.000021 %		
29		phenanthrene		201-581-5	85-01-8		2.5	mg/kg		2.5	mg/kg	0.00025 %		
30		pyrene		204-927-3	129-00-0		3.7	mg/kg		3.7	mg/kg	0.00037 %		
31		TPH (C6 to C40) petroleum group			TPH		370	mg/kg		370	mg/kg	0.037 %		
											Total:	0.128 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Deteminand - 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: 1000 mg/kg (0.1%) because: Not a Liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.037%)

Classification of sample: HP3

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

Sample details

Sample name:
HP3
Sample Depth:
0.1 m
Moisture content:
24%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 24% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		28	mg/kg		28	mg/kg	0.0028 %		
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.27	mg/kg		0.27	mg/kg	0.000027 %		
3	Chromium Total					18	mg/kg		18	mg/kg	0.0018 %		
4	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
5	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		44	mg/kg	1.126	49.539	mg/kg	0.00495 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	130	mg/kg	1.56	202.776	mg/kg	0.013 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15	mg/kg	1.353	0.203	mg/kg	0.0000203 %		
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		18	mg/kg	2.976	53.573	mg/kg	0.00536 %		
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.2	mg/kg	1.405	1.686	mg/kg	0.000169 %		
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		91	mg/kg	2.774	252.447	mg/kg	0.0252 %		
12	pH			PH		8	pH		8	pH	8pH		
13	Sulphate (2:1 water soluble)					0.01	mg/kg		0.01	mg/kg	0.000001 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14		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 }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
15		acenaphthene		201-469-6	83-32-9		0.73	mg/kg		0.73	mg/kg	0.000073 %		
16		acenaphthylene		205-917-1	208-96-8		0.21	mg/kg		0.21	mg/kg	0.000021 %		
17		anthracene		204-371-1	120-12-7		1.7	mg/kg		1.7	mg/kg	0.00017 %		
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.3	mg/kg		3.3	mg/kg	0.00033 %		
19		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.7	mg/kg		2.7	mg/kg	0.00027 %		
20		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		3.8	mg/kg		3.8	mg/kg	0.00038 %		
21		benzo[ghi]perylene		205-883-8	191-24-2		1.8	mg/kg		1.8	mg/kg	0.00018 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		2	mg/kg		2	mg/kg	0.0002 %		
23		chrysene	601-048-00-0	205-923-4	218-01-9		3.8	mg/kg		3.8	mg/kg	0.00038 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.54	mg/kg		0.54	mg/kg	0.000054 %		
25		fluoranthene		205-912-4	206-44-0		7	mg/kg		7	mg/kg	0.0007 %		
26		fluorene		201-695-5	86-73-7		0.68	mg/kg		0.68	mg/kg	0.000068 %		
27		indeno[123-cd]pyrene		205-893-2	193-39-5		1.4	mg/kg		1.4	mg/kg	0.00014 %		
28		naphthalene	601-052-00-2	202-049-5	91-20-3		0.96	mg/kg		0.96	mg/kg	0.000096 %		
29		phenanthrene		201-581-5	85-01-8		6.8	mg/kg		6.8	mg/kg	0.00068 %		
30		pyrene		204-927-3	129-00-0		7	mg/kg		7	mg/kg	0.0007 %		
31		TPH (C6 to C40) petroleum group			TPH		280	mg/kg		280	mg/kg	0.028 %		
											Total:	0.0884 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Deteminand - 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: 1000 mg/kg (0.1%) because: Not a Liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.028%)

Classification of sample: TP1

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

Sample details

Sample name:
TP1
Sample Depth:
0.2 m
Moisture content:
27%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 27% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		34 mg/kg		34 mg/kg	0.0034 %		
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.32 mg/kg		0.32 mg/kg	0.000032 %		
3	Chromium Total					21 mg/kg		21 mg/kg	0.0021 %		
4	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
5	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		51 mg/kg	1.126	57.42 mg/kg	0.00574 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	150 mg/kg	1.56	233.972 mg/kg	0.015 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.1 mg/kg	1.405	1.546 mg/kg	0.000155 %		
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		100 mg/kg	2.774	277.415 mg/kg	0.0277 %		
12	pH			PH		7.3 pH		7.3 pH	7.3 pH		
13	Sulphate (2:1 water soluble)					<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14		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 }	006-007-00-5				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
15		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
17		anthracene		204-371-1	120-12-7		0.13	mg/kg		0.13	mg/kg	0.000013 %		
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.78	mg/kg		0.78	mg/kg	0.000078 %		
19		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.95	mg/kg		0.95	mg/kg	0.000095 %		
20		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		1.2	mg/kg		1.2	mg/kg	0.00012 %		
21		benzo[ghi]perylene		205-883-8	191-24-2		1.1	mg/kg		1.1	mg/kg	0.00011 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.97	mg/kg		0.97	mg/kg	0.000097 %		
23		chrysene	601-048-00-0	205-923-4	218-01-9		1.6	mg/kg		1.6	mg/kg	0.00016 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.29	mg/kg		0.29	mg/kg	0.000029 %		
25		fluoranthene		205-912-4	206-44-0		1.3	mg/kg		1.3	mg/kg	0.00013 %		
26		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		indeno[123-cd]pyrene		205-893-2	193-39-5		0.58	mg/kg		0.58	mg/kg	0.000058 %		
28		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		phenanthrene		201-581-5	85-01-8		0.83	mg/kg		0.83	mg/kg	0.000083 %		
30		pyrene		204-927-3	129-00-0		1.7	mg/kg		1.7	mg/kg	0.00017 %		
31		TPH (C6 to C40) petroleum group			TPH		120	mg/kg		120	mg/kg	0.012 %		
											Total:	0.0768 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Deteminand - 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: 1000 mg/kg (0.1%) because: Not a Liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.012%)

Classification of sample: TP1[2]

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

Sample details

Sample name:
TP1[2]
Sample Depth:
1 m
Moisture content:
20%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
3	Chromium Total					20 mg/kg		20 mg/kg	0.002 %		
4	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
5	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	99 mg/kg	1.56	154.422 mg/kg	0.0099 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		20 mg/kg	2.976	59.525 mg/kg	0.00595 %		
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.79 mg/kg	1.405	1.11 mg/kg	0.000111 %		
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		76 mg/kg	2.774	210.835 mg/kg	0.0211 %		
12	pH			PH		7 pH		7 pH	7pH		
13	Sulphate (2:1 water soluble)					0.016 mg/kg		0.016 mg/kg	0.0000016 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14		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 }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
15		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
16		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
17		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.56	mg/kg		0.56	mg/kg	0.000056 %		
19		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.54	mg/kg		0.54	mg/kg	0.000054 %		
20		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.72	mg/kg		0.72	mg/kg	0.000072 %		
21		benzo[ghi]perylene		205-883-8	191-24-2		0.55	mg/kg		0.55	mg/kg	0.000055 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.67	mg/kg		0.67	mg/kg	0.000067 %		
23		chrysene	601-048-00-0	205-923-4	218-01-9		0.92	mg/kg		0.92	mg/kg	0.000092 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.33	mg/kg		0.33	mg/kg	0.000033 %		
25		fluoranthene		205-912-4	206-44-0		0.66	mg/kg		0.66	mg/kg	0.000066 %		
26		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
27		indeno[123-cd]pyrene		205-893-2	193-39-5		0.35	mg/kg		0.35	mg/kg	0.000035 %		
28		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
29		phenanthrene		201-581-5	85-01-8		0.47	mg/kg		0.47	mg/kg	0.000047 %		
30		pyrene		204-927-3	129-00-0		0.97	mg/kg		0.97	mg/kg	0.000097 %		
31		TPH (C6 to C40) petroleum group			TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<**LOD**
											Total:	0.0483 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Deteminand - 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: TP2

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

Sample details

Sample name:
TP2
Sample Depth:
0.5 m
Moisture content:
14%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		33 mg/kg		33 mg/kg	0.0033 %		
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.35 mg/kg		0.35 mg/kg	0.000035 %		
3	Chromium Total					26 mg/kg		26 mg/kg	0.0026 %		
4	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
5	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		57 mg/kg	1.126	64.176 mg/kg	0.00642 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	120 mg/kg	1.56	187.178 mg/kg	0.012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.4 mg/kg	1.405	1.967 mg/kg	0.000197 %		
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
12	pH			PH		7.5 pH		7.5 pH	7.5 pH		
13	Sulphate (2:1 water soluble)					0.018 mg/kg		0.018 mg/kg	0.0000018 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14		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 }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
15		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
16		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
17		anthracene		204-371-1	120-12-7		0.22	mg/kg		0.22	mg/kg	0.000022 %		
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.42	mg/kg		0.42	mg/kg	0.000042 %		
19		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.52	mg/kg		0.52	mg/kg	0.000052 %		
20		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		1.1	mg/kg		1.1	mg/kg	0.00011 %		
21		benzo[ghi]perylene		205-883-8	191-24-2		0.44	mg/kg		0.44	mg/kg	0.000044 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.52	mg/kg		0.52	mg/kg	0.000052 %		
23		chrysene	601-048-00-0	205-923-4	218-01-9		0.56	mg/kg		0.56	mg/kg	0.000056 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.23	mg/kg		0.23	mg/kg	0.000023 %		
25		fluoranthene		205-912-4	206-44-0		1.6	mg/kg		1.6	mg/kg	0.00016 %		
26		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
27		indeno[123-cd]pyrene		205-893-2	193-39-5		0.39	mg/kg		0.39	mg/kg	0.000039 %		
28		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
29		phenanthrene		201-581-5	85-01-8		0.97	mg/kg		0.97	mg/kg	0.000097 %		
30		pyrene		204-927-3	129-00-0		1.7	mg/kg		1.7	mg/kg	0.00017 %		
31		TPH (C6 to C40) petroleum group			TPH		58	mg/kg		58	mg/kg	0.0058 %		
											Total:	0.0748 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Deteminand - 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: 1000 mg/kg (0.1%) because: Not a Liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0058%)

Classification of sample: TP2[2]

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

Sample details

Sample name:
TP2[2]
Sample Depth:
1 m
Moisture content:
8.4%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.4% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.3 mg/kg		3.3 mg/kg	0.00033 %		
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
3	Chromium Total					15 mg/kg		15 mg/kg	0.0015 %		
4	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
5	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19 mg/kg	1.126	21.392 mg/kg	0.00214 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11 mg/kg	1.56	17.158 mg/kg	0.0011 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<**LOD**
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.54 mg/kg	1.405	0.759 mg/kg	0.0000759 %		
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		79 mg/kg	2.774	219.158 mg/kg	0.0219 %		
12	pH			PH		7.6 pH		7.6 pH	7.6 pH		
13	Sulphate (2:1 water soluble)					0.012 mg/kg		0.012 mg/kg	0.0000012 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14		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 }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
15		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
16		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
17		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
19		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
20		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
21		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
23		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
25		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
26		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
27		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
28		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
29		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
30		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
31		TPH (C6 to C40) petroleum group			TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<**LOD**
											Total:	0.0379 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Deteminand - 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: TP3

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

Sample details

Sample name:
TP3
Sample Depth:
0.3 m
Moisture content:
21%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		41 mg/kg		41 mg/kg	0.0041 %		
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
3	Chromium Total					22 mg/kg		22 mg/kg	0.0022 %		
4	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
5	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		58 mg/kg	1.126	65.302 mg/kg	0.00653 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	260 mg/kg	1.56	405.552 mg/kg	0.026 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.28 mg/kg	1.353	0.379 mg/kg	0.0000379 %		
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		24 mg/kg	2.976	71.43 mg/kg	0.00714 %		
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.1 mg/kg	1.405	1.546 mg/kg	0.000155 %		
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		110 mg/kg	2.774	305.156 mg/kg	0.0305 %		
12	pH			PH		7.9 pH		7.9 pH	7.9 pH		
13	Sulphate (2:1 water soluble)					0.031 mg/kg		0.031 mg/kg	0.0000031 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14		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 }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
15		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
16		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
17		anthracene		204-371-1	120-12-7		0.21	mg/kg		0.21	mg/kg	0.000021 %		
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.72	mg/kg		0.72	mg/kg	0.000072 %		
19		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.1	mg/kg		1.1	mg/kg	0.00011 %		
20		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		1.7	mg/kg		1.7	mg/kg	0.00017 %		
21		benzo[ghi]perylene		205-883-8	191-24-2		3.6	mg/kg		3.6	mg/kg	0.00036 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.5	mg/kg		0.5	mg/kg	0.00005 %		
23		chrysene	601-048-00-0	205-923-4	218-01-9		1.1	mg/kg		1.1	mg/kg	0.00011 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.62	mg/kg		0.62	mg/kg	0.000062 %		
25		fluoranthene		205-912-4	206-44-0		1.6	mg/kg		1.6	mg/kg	0.00016 %		
26		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
27		indeno[123-cd]pyrene		205-893-2	193-39-5		1.5	mg/kg		1.5	mg/kg	0.00015 %		
28		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
29		phenanthrene		201-581-5	85-01-8		1.1	mg/kg		1.1	mg/kg	0.00011 %		
30		pyrene		204-927-3	129-00-0		1.8	mg/kg		1.8	mg/kg	0.00018 %		
31		TPH (C6 to C40) petroleum group			TPH		270	mg/kg		270	mg/kg	0.027 %		
											Total:	0.108 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Deteminand - 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: 1000 mg/kg (0.1%) because: Not a Liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.027%)

Classification of sample: COMP

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

Sample details

Sample name:
COMP
Moisture content:
26%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 26% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		26 mg/kg		26 mg/kg	0.0026 %		
2	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.28 mg/kg		0.28 mg/kg	0.000028 %		
3	Chromium Total					18 mg/kg		18 mg/kg	0.0018 %		
4	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
5	chromium in Cr(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<**LOD**
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		38 mg/kg	1.126	42.784 mg/kg	0.00428 %		
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	120 mg/kg	1.56	187.178 mg/kg	0.012 %		
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15 mg/kg	2.976	44.644 mg/kg	0.00446 %		
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.87 mg/kg	1.405	1.222 mg/kg	0.000122 %		
11	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		72 mg/kg	2.774	199.739 mg/kg	0.02 %		
12	pH			PH		6.8 pH		6.8 pH	6.8 pH		
13	Sulphate (2:1 water soluble)					<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
14	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides,					<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5											
15		acenaphthene		201-469-6	83-32-9		0.22	mg/kg		0.22	mg/kg	0.000022 %		
16		acenaphthylene		205-917-1	208-96-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
17		anthracene		204-371-1	120-12-7		0.46	mg/kg		0.46	mg/kg	0.000046 %		
18		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.6	mg/kg		1.6	mg/kg	0.00016 %		
19		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.6	mg/kg		1.6	mg/kg	0.00016 %		
20		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		2.1	mg/kg		2.1	mg/kg	0.00021 %		
21		benzo[ghi]perylene		205-883-8	191-24-2		1.1	mg/kg		1.1	mg/kg	0.00011 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1.3	mg/kg		1.3	mg/kg	0.00013 %		
23		chrysene	601-048-00-0	205-923-4	218-01-9		2	mg/kg		2	mg/kg	0.0002 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.14	mg/kg		0.14	mg/kg	0.000014 %		
25		fluoranthene		205-912-4	206-44-0		2.9	mg/kg		2.9	mg/kg	0.00029 %		
26		fluorene		201-695-5	86-73-7		0.17	mg/kg		0.17	mg/kg	0.000017 %		
27		indeno[123-cd]pyrene		205-893-2	193-39-5		0.82	mg/kg		0.82	mg/kg	0.000082 %		
28		naphthalene	601-052-00-2	202-049-5	91-20-3		0.85	mg/kg		0.85	mg/kg	0.000085 %		
29		phenanthrene		201-581-5	85-01-8		2.4	mg/kg		2.4	mg/kg	0.00024 %		
30		pyrene		204-927-3	129-00-0		3.1	mg/kg		3.1	mg/kg	0.00031 %		
31		TPH (C6 to C40) petroleum group			TPH		110	mg/kg		110	mg/kg	0.011 %		
											Total:	0.061 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Deteminand - 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: 1000 mg/kg (0.1%) because: Not a Liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.011%)

Appendix A: Classifier defined and non EU CLP determinands

arsenic (EC Number: 231-148-6, CAS Number: 7440-38-2)

EU CLP index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A; H350 hazard statement sourced from:: IARC Group 1 (23, Sup 7, 100C) 2012

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

EU CLP index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A; H350 hazard statement sourced from:: IARC Group 1 (23, Sup 7, 100C) 2012

Chromium Total

Description/Comments:
Data source: N/A
Data source date: 25 Sep 2018
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

pH (CAS Number: PH)

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

Sulphate (2:1 water soluble)

Description/Comments:
Data source: N/A
Data source date: 25 Sep 2018
Hazard Statements: None.

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

EU CLP 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):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from:: WM3, Table C12.2

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

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

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

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

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

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

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

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

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

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

Appendix B: Rationale for selection of metal species

arsenic {arsenic}

Arsenic TOTAL

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

Cadmium TOTAL

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

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

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

Worst case CLP species based on hazard statements/molecular weight. Industrial sources include: production stainless steel, electroplating, wood preservation, anti-corrosion agents or coatings, pigments (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

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

Harmonised group entry used as most reasonable case. Pigment cadmium sulphoselenide not likely to be present in this soil. No evidence for the other CLP entries: sodium selenite, nickel II selenite and nickel selenide, to be present in this soil. (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

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}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2025.345.6920.12503 (11 Dec 2025)
HazWasteOnline Database: 2025.339.6914.12493 (07 Dec 2025)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
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 2019 - UK: 2019 No. 720 of 27th March 2019
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
17th ATP - Regulation (EU) 2021/849 of 11 March 2021