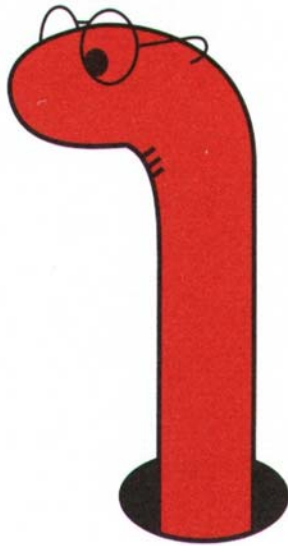


Electronic Report



WORMS EYE

Worms Eye Limited
PO Box 1157
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Our Ref: Taylors Lane / BL2 6QS / 2026
Date: 15 May 2026

Elizabeth Haslam
c/o Neil Pike Architects
Michigan House
17-19 Chorley New Road
Bolton
BL1 4QR

LAND ADJACENT TO 9 TAYLORS LANE, BOLTON, BL2 6QS

INTRUSIVE REPORT

INTRODUCTION

A residential development is proposed. Following a Preliminary Risk Assessment by Peak Associates (PRA February 2013) instructions were to carry out trial holes and tests to investigate potential contamination issues.

SITE LOCATION

The overall plot is rectangular, about 55 by 70m, located to the south of Taylors Lane in Bolton and at OS Grid Reference 374770, 409290. The site is at the southwest of the plot and comprises a single storey building (22 x 5m) at the west concrete apron/garden at the south and fields/paddocks at the east. The south of the building is used for stabling horses and the north for restoring old cars, but reportedly previously used to keep poultry. The building is built of breeze blocks, exterior brick cladding to about 1m, and wooden cladding above, and a concrete floor in reasonable condition. A corrugated asbestos cement sheet roof is cracked and patched in places. The remainder of the site is surfaced with soft ground, with the site being lowered by about 1m below the land to the west.

The site is near the crest of a hill and the surrounding land slopes down to the west and south. To the east and west are residential properties and to the north and south are fields.

PROPOSED DEVELOPMENT

It is proposed to convert the south barn to a house and the south section of the north building to a garage, with a garden at the south, and east and driveway at the northeast.

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PRELIMINARY RISK ASSESSMENT

Peak Associates carried out a PRA dated February 2013, the salient points were:

Geology

Bedrock is shown as Pennine Lower Coal Measures Formation (mudstone, siltstone and sandstone), dipping to the southwest at about 10°. A fault running northwest to southeast is close to the south boundary. Superficial deposits are shown as Devensian Till (clay) of very low permeability.

Contaminated Land

There is the potential for localised contamination from the use of the site as allotments (heavy metals, including lead, and polycyclic aromatic hydrocarbons (PAH)). Using the north of the building for personal car restoration is unlikely to significant impact underlying soils, as there is a concrete floor, with no visual indications of contamination.

Potential on-site contamination may present a risk to future users through ingestion of contaminated soil, associated dust, soil attached to home grown vegetables, through direct skin contact, consumption of home grown vegetables and inhalation of dust (indoors and outdoors).

Soils beneath the proposed garden and soft landscaped open spaces should be sampled and tested.

The following potentially significant contamination sources have been identified:

- Asbestos containing materials on the roof of the barn;
- Potential ground contamination from car restoration activities undertaken in the barn;
- Potential contamination by heavy metals and PAH's from historic use as allotments.

Controlled Waters

The underlying bedrock is a Secondary A aquifer, and superficial deposits are unproductive strata. The site is not in a Source Protection Zone and three groundwater abstraction licences within 1000m, are commercial/industrial, from boreholes 243m southwest, 290m northwest and 367m northwest.

There is an unnamed stream, 94m northwest and two surface water abstraction licences within 1000m, are commercial/industrial, from a reservoir fed by surface drainage at Ainsworth Mill, 248m and 300m northwest.

It is possible for contaminants to be leached from the soil and impact groundwater quality although this is considered very unlikely to present a risk to off-site receptors.

Landfill/Ground Gas

A former pond, 15m east was relatively small, and dry/filled by 1930. It is very unlikely that this would impact the site due to the size, and the fact it had dried or filled by 1930.

End of PRA Re-Cap

GROUND INVESTIGATIONS

Seven trial holes were excavated outside to shallow depth to collect samples for testing, and three cores were also drilled inside, through the concrete floor to collect shallow samples from below the slab for testing. Details are given on the enclosed location plan, trial hole logs and core logs.

Core 1, drilled in the north building (below the garage conversion) and cones 2 and 3, below the south building, show the concrete slab to be about 0.8m thick and underlain by made ground (comprising ash, clinker, brick and soil), before stopping at 0.13m – 0.2m deep.

THA, excavated through a concrete apron immediately south of the building, had a concrete slab to 0.05m overlying made ground comprising hardcore to 0.13m, ash, gravel, clinker and brick to 0.35m and possible made ground (clay with brick) from 0.35m to its base at 0.5m deep.

THE, by the northeast corner of the south building, found topsoil to 0.4m overlying clay which continued down to 0.6m where the TH was stopped.

THs B, C, D F and G were excavated to the south and east of the south building. These all encountered topsoil from ground level to their base at about 0.3 – 0.5m deep.

The following approximates to a section looking northwest.

Findings	THB (m)	THC (m)	THA (m)	THG (m)	THF (m)	THD (m)	THE (m)
Concrete	-	-	0.0 – 0.05	-	-	-	-
Made ground	-	-	0.05 – 0.5+	-	-	-	-
Topsoil	0.0 – 0.3+	0.0 – 0.3+	-	0.0 – 0.2+	0.0 – 0.5+	0.0 – 0.3+	0.0 – 0.4
Clay	-	-	-	-	-	-	0.4 – 0.6+
Water	Dry	Dry	Dry	Dry	Dry	Dry	Dry

CONTAMINATION TESTING

Ten samples were tested for a range of contaminants indicated by the PRA. The results have been compared with residential C4Ls, soil guideline values provided by CLEA and values based on the LQM/CIEH S4ULS. In accordance with guidance provided by the AGS, threshold values from other sources have been used for screening purposes. This information has been brought together on the enclosed Comparison Table.

Asbestos – Chrysotile asbestos fibres were seen in THC (0.2m), THD (0.2m) and THG (0.1m).

Inorganics (metals etc.) – Inorganic contaminants are below residential thresholds.

Sulphate – Water Soluble Sulphate levels are low except in THA at 0.3m where the level exceeds the BRE action level for buried concrete.

Hydrocarbons – Phenols and TPHs are below residential thresholds. Regarding PAHs, these are below their respective thresholds except in THC (0.2m) where individual PAHs benzo(a)pyrene (BaP), benzo(b)fluoranthene (BbF) and dibenzo(ah)anthracene (DbA) exceed their respective thresholds.

DISPOSAL OF EXCAVATED SOIL

Results have been compared with hazardous waste thresholds and a Hazwaste Report is enclosed. This suggests excavated soil would be classed as hazardous waste due to levels of asbestos fibres in the soils.

Levels of Total Organic Carbon (TOC) and Loss of Ignition (LOI) exceed the threshold for disposal at landfill without treatment.

LEACHATE TESTING/WATER

Soil samples with contaminants seen to be a potential risk to controlled waters were tested to determine the leachate potential. The results have been compared with the UK drinking water quality levels (DWQ) and Environmental Quality Standards (EQS) and the information has been brought together on the enclosed comparison table.

The findings show leachate levels to be below their respective DWQ or EQS thresholds.

SCOPE OF COAL MINING RISK ASSESSMENT

The purpose of this Coal Mining Risk Assessment Report is to:

- Present a desk study of available information on the coal mining issues relevant to the site.
- Identify and assess risks to the development from coal mining legacy.
- Set out mitigation measures to address mining issues affecting the site, including remedial works and/or demonstrate how coal mining issues have influenced the development.
- Demonstrate to the Local Planning Authorities the application site is, or can be made, safe and stable to meet national planning policy with regard to development on unstable land.

Mining Report

A Coal Authority mining report has been obtained, and a copy is enclosed. The salient points are:

- No nearby coal seam outcrops.
- The site is not underlain by probable unrecorded shallow workings.
- No spine roadway recorded at shallow depth.
- No record of past or future planned underground mining.
- No known mine entries within 100m.
- No opencast mining within 500m.
- No record of mine gas emissions within 500m.
- No subsidence claims, since 1994, within 50m.

Shallow Coal Seams

The strata dips at about 10° to the southwest. The Cannel coal seam outcrops about 990m to the northeast passing beneath the site at about 175m below rockhead.

Summary of Site Specific Coal Mining Risks

The table below initially summarises the potential risks associated with coal mining for the site.

Coal Mining Issue	Yes	No	Risk Assessment
Recorded underground coal mining		X	
Underground coal mining (recorded at shallow depths)		X	
Underground coal mining (possible at shallow depths)		X	No shallow seams, no risk.
Future underground coal mining		X	
Mine entries (shafts and adits)		X	None within 100m, no risk.
Coal mining geology (fissures)		X	
Record of past mine gas emissions		X	
Unrecorded mine gas emissions		X	No shallow seams, no risk.
Recorded coal mining surface hazards		X	
Surface mining (opencast workings)		X	
Nearby subsidence claims		X	
Mine Workings Found in Previous Investigations		X	

DISCUSSION

Contamination

Tests show levels of metals, inorganic contaminants and hydrocarbons to be below residential thresholds except in THC where PAHs (BaP, BbF and DbA) exceed their respective threshold. However, tests from THs C, D and G also show asbestos fibres to be present in the shallow topsoil. THs C and D are positioned well away from the building, suggesting asbestos fibres are unlikely to be from the existing roof material. However, the spread of THs C, D and G around the east and southeast of the site, with topsoil very similar to THs B, E and F, suggest topsoil may have been imported from the same source. This also suggests asbestos fibres are likely to be present in untested areas and not just hot-spots.

Therefore, it is considered there is a risk to householders from PAHs in THC and from asbestos which is expected to be present throughout the topsoil. The risks to householders from the PAHs and asbestos fibres arise from direct contact with surface soils, therefore there is a risk to householders where direct contact will occur (gardens/landscape) or where direct contact may occur (paths/patios). Remedial works are required to remove the risk to householders from asbestos and PAHs.

There is no risk where there will be a permanent hard-surface and contaminated soils can remain below the building and a hard-surfaced drive (tarmac/concrete) with no risk.

Summary of Samples With Elevated Contaminants

Trial Hole	Depth (m)	Water Soluble Sulphate	Asbestos	BaP	BbF	DbA
A	0.2	X				
C	0.2		X	X	X	X
D	0.2		X			
G	0.1		X			

Water Soluble Sulphate levels are low except in THA at 0.2m. Considering this further THA is close to the south of the building, where it is recommended contaminated soils are removed as part of the remedial works to deal with asbestos fibres. This will also remove soils with elevated levels of sulphate and it is considered that, on completion of remedial works, there will be no risk from sulphate and sulphate resistant concrete is not needed.

Volatile hydrocarbons are below the thresholds and there is no risk from hydrocarbon vapours.

Excavated Soils

Tests show excavated topsoil would be classed as hazardous waste due to levels of asbestos fibres. Levels of TOC and LOI in the topsoil exceed the threshold for disposal at hazardous waste landfill and may pose difficulties for disposal without treatment.

Controlled Waters

Regarding risks to controlled waters:

- The site is underlain by a Secondary A aquifer.
- The nearest water course is a stream 94m north.
- Clay underlying the site will be an aquitard.
- There are no nearby source protection zones.
- There are no nearby potable water abstraction points.
- Leachate levels are below EQS or DWQ thresholds.

Bearing in mind all of the above factors, it is considered that there are no risks to controlled waters and no significant pathway will arise.

Shallow Mining

The findings indicate that there are no shallow coal seams and, therefore, no shallow mine workings. There is no risk from shallow mining.

Mine Gas

There are no shallow coal seams or workings and, therefore, no mine gas risk.

Mine Entries

There are no nearby mine entries and, therefore, no risk from collapse of shafts.

CONCEPTUAL MODEL

Source	Receptors	Pathway	Complete Pollutant Linkage
Asbestos (fibres present in THs C, D and G, and likely elsewhere)	Householders	Inhalation	Yes
	Off-site	Migration off-site	Yes
Inorganic contaminants (low)	Householders	Direct contact, ingestion, from home grown vegetables, ingestion and inhalation of dust	No
	Groundwater	Leaching towards	No
	River/stream	Leaching towards	No
Sulphate (low except in THA)	Building fabric	Concrete directly in contact with soil	No – Remedial works will remove risk from sulphate
Hydrocarbons (low except in THC)	Householders	Direct contact, ingestion, from home grown vegetables, ingestion and inhalation of dust	Yes – THC
	Service pipes	No new water pipes required	No
	Groundwater	Leaching towards	No
	River/stream	Leaching towards	No
Hydrocarbon vapours (low)	Householders	Inhalation of vapours indoors and outdoors	No
Landfill gas	End-users (inside)	Seeping into buildings, explosion, asphyxiation	No
Radon	End-users (inside)	Seeping into buildings	No

BREAKING PATHWAYS

Construction Workers

Site workers should be made aware of the hazards of working with contaminated soils, and appropriate procedures and PPE adopted to ensure the health and safety of the site operative. All site personnel should be briefed on the discovery strategy in the watching brief and what actions they must take in the event that further evidence of contamination is identified or suspected.

Normal precautions for an urban renewal type project are required. These would include the use of gloves and the provision of washing facilities to avoid ingestion of contaminants.

Asbestos - Groundworkers

Asbestos fibres in topsoil from THs C, D and G and likely to be present in topsoil further around the site, pose a risk to site workers and potentially neighbouring land. The findings also suggest fibres are likely to be present elsewhere in unsurfaced areas. Appropriate precautions will be required when working in that area which may include:

- Appropriate face masks and PPE.
- Damping down and minimising time excavations are exposed.
- Not stockpiling excavated soils.
- Sheeting the perimeter of the site during ground/remedial works might also be considered.

Risk assessment and method statements will be required.

Watching Brief

A watching brief for unexpected contaminants should be maintained. If unexpected contaminants (e.g. oily material, unusual smells) are seen, especially during excavations, work should cease and the consultant be notified and the site inspected.

We suggest taking regular photographs (daily or more frequent) of excavations to include in the validation report.

Garden/Landscaped Areas

Contamination by asbestos fibres and PAHs was found to be present in the topsoil. One solution would be to remove the source by excavating the contaminated soils beneath gardens, paths, patios and other non-permanent hard-surfaced areas and disposing off site as follows:

- Excavate to a minimum 600mm below finished ground level, below gardens, paths, patios and other non-permanent hard-surfaced areas.
- Dispose excavated soils off-site.
- Backfill with clean, imported soils, comprising (bottom up):
 - Geotextile (or similar) warning barrier
 - 450mm sub-soil (gardens) or 550mm sub-soil (non-garden areas)
 - 150mm topsoil (gardens)

An alternative would be to excavate contaminated soils down to clay or 600mm, whichever is shallower, and also test the base of the excavation if this is less than 600mm deep as follows:

- Excavate down to clay or 600mm, whichever is shallower, below gardens, paths, patios and other non-permanent hard-surfaced areas on the southwest/middle of the site.
- Where excavations are less than 600mm, test the base for asbestos and PAHs.
- If levels remain high, deepen excavations to 600mm deep.
- Dispose excavated soils off-site.
- Backfill with clean, imported soils, comprising (bottom up):
 - Geotextile (or similar) warning barrier
 - Up to 450mm sub-soil (gardens) or 550mm sub-soil (non-garden areas)
 - Up to 150mm topsoil (gardens)

Excavated Soils

Excavated topsoil would be classed as hazardous waste due to levels of asbestos fibres and levels of TOC and LOI may pose difficulties for disposal to landfill. The results should be issued to the receiving site for confirmation of its status.

Testing required on imported material

The following tests are required on imported material, tested by the developer or by the supplier:

- Virgin quarried material – 1 or 2 tests depending on stone type. Testing to include arsenic, cadmium, chromium (total), chromium VI, copper, mercury, nickel, lead, selenium, zinc.
- Crushed hardcore, stone, brick – minimum of 1 test per 1000m³. Testing to include arsenic, cadmium, chromium (total), chromium VI, copper, mercury, nickel, lead, selenium, zinc, PAH (16 USEPA speciation), asbestos, TPHs.
- Greenfield/manufactured soils – minimum of 3 tests or 1 test per 250m³ (whichever is greater). Testing to include arsenic, cadmium, chromium (total) chromium VI, copper, mercury, nickel, lead, selenium, zinc, PAH (16 USEPA speciation), asbestos, TPHs.
- Brownfield/screened soils – minimum of 6 tests or 1 per 100m³ (whichever is greater). Testing to include arsenic, cadmium, chromium (total) chromium VI, copper, mercury, nickel, lead, selenium, zinc, PAH (16 USEPA speciation), asbestos, TPHs and any additional analysis dependant on the history of the donor site.

Soil Screen Values

Tests carried out on the imported material, either by the supplier or the consultant, to be screened against residential values, based on 1% SOM. If these are exceeded, site specific value may be derived, subject to them being appropriate.

Validation

A validation report will be required on completion, this will require but not necessarily be limited to:

- Tickets from waste removal contractor and receiving landfill for all excavated soils.
- Photos showing the reduced level excavations in the gardens/landscaped areas, and below paths/patios.
- Tests from base of excavation (if required).
- Inspection and photographs of geotextile.
- Contamination test results for tests on imported soils.
- Document (receipt, delivery notes) to show soil types and sources.
- Trial holes and photographs to confirm thickness of imported soil types showing the position of the TH relative to the plot, the depth and nature of the imported soils from surface to base, and, where applicable, the geotextile at the base of each hole.

We would expect the contractor to carry out/obtain:

- Maintain watching brief.
- Daily inspection for unexpected contaminants.
- Photographs of excavations for footings or trenches.
- Collect and safely store:
 - Waste Transfer Notes for all excavated soils.
 - Delivery Notes and Receipts for imported soil to confirm the volume and date imported.
 - Documents from the soil supplier to show the type, source and nature of imported soils.

The on-going remedial works should be inspected by the consultants, as a minimum, as follows:

- Excavations following excavation of contaminated soils.
- Testing base of excavation (if required)
- Following laying of geotextile.
- Inspection of trial holes following completion of gardens/landscaping.

Soil testing on imported soils must be carried out by the consultants, not the supplier, from samples collected on-site.

Trial holes to confirm the depth of topsoil and sub-soil can be excavated by the contractor but this must be in the presence of, and inspected by, an appropriate consultant or their representative.

The photographs must be sufficient size to show:

- Location of TH.
- Depth of TH.
- Nature of soils in the TH.
- Presence of geotextile at the base.

CONCLUSION

Contamination

Contamination tests from THs C, D and G show asbestos fibres to be present in the shallow topsoil. Their spread around the east and southeast of the site, suggests fibres are likely to be present in topsoil elsewhere around the site, is unlikely to be from the roofing material and is not likely to represent hot-spots. The asbestos fibres in the topsoil, and PAHs seen in THC, pose a risk to householders and remedial works are required to garden/landscape areas and non-permanent hard-surfaced areas (e.g. paths/patios).

There is no risk where there is a permanent hard-surface and contaminated soils can remain below the building and a hard-surfaced drive (tarmac/concrete) with no risk.

The most suitable solution is considered to be to remove contaminated soils from site as follows:

Option 1

- Excavate to a minimum 600mm below finished ground level, below gardens, paths, patios and other non-permanent hard-surfaced areas, and dispose soils off-site.
- Backfill with 600mm (gardens) or 550mm (paths/patios) of clean, imported soils, laid on a Geotextile (or similar) warning barrier.

Option 2

- Excavate to clay or 600mm, whichever is shallower, below gardens, paths, patios and other non-permanent hard-surfaced areas, and dispose off-site.
- Test the base (if less than 600mm) for asbestos and PAHs. If levels remain high, deepen to 600mm deep.
- Backfill with up to 600mm (gardens) or up to 550mm (paths/patios) of clean, imported soils, laid on a Geotextile (or similar) warning barrier.

Risks to buried concrete from elevated levels of water soluble sulphate seen in THA will be removed by remedial works to deal with asbestos fibres and sulphate resistant concrete is not required.

There are no risks from hydrocarbon vapours.

Excavated Soils

Excavated topsoil would be classed as hazardous waste due to levels of asbestos fibres and levels of TOC and LOI may pose difficulties for disposal to landfill. The results should be issued to the receiving site for confirmation of its status.

Controlled Waters

The findings show no risks to controlled waters and no further action is required.

Watching Brief – Coal Mining

In common with many mining areas, it is recommended that site staff keep a watching brief during the project, particularly while excavations are taking place. Any unusual features such as voids, cracks, ground movement or strange soil conditions should be flagged up and safely checked out.

Shallow Mining

The findings suggest there are no risks for shallow mining and no further action is required.

Mine Gas

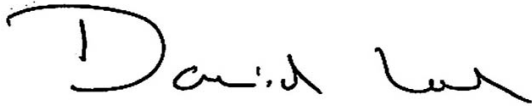
The findings suggest no mine gas risk and no further action is required.

Mine Shaft

The findings show no risk from collapse of mine entries and no further action is required.

Yours faithfully

on behalf of Worms Eye Ltd

A handwritten signature in black ink, appearing to read 'David Lord', with a stylized, cursive script.

David Lord

BSc (Hons)

FGS, MEnvSc, AIEMA

LAND ADJACENT TO 9 TAYLORS LANE, BOLTON, BL2 6QS

List of Appendices – Intrusive Report

List of Acronyms

Existing site plan - showing trial hole locations

Proposed site plan – showing trial hole locations

Proposed site plan – showing area of proposed remedial works

Core Logs

Trial Hole Logs

Contamination Test Results – Soil and Leachate

Contamination Comparison Table – Soil

Contamination Test Comparison – Leachate

Contamination Test Results – WAC

Hazwaste Report

Coal Authority Mining Report

Coal Authority Summary Map

Landmark Geology Map Extract

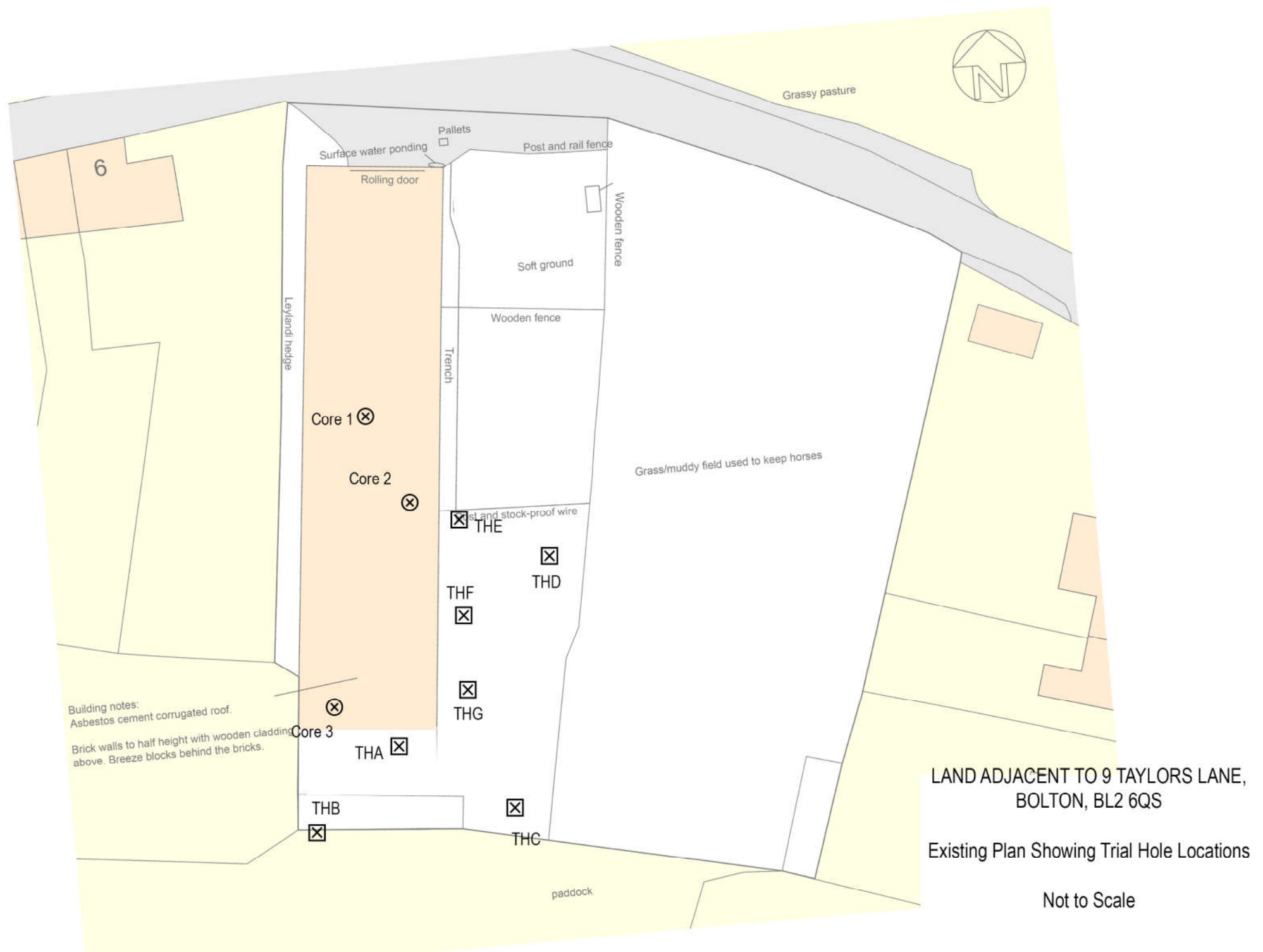
CONTAMINATION TEST UNITS

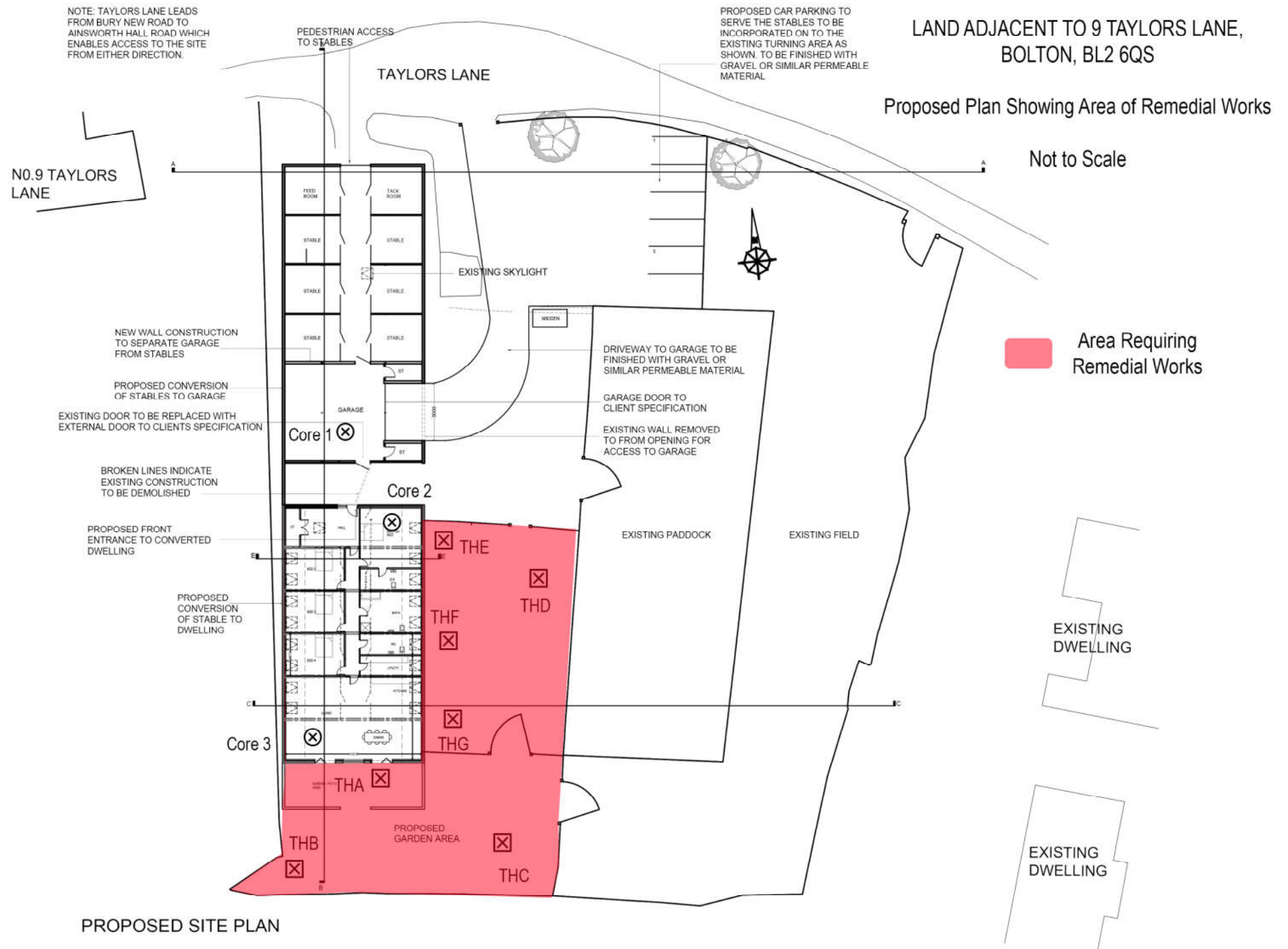
Conversion factor	Name	Symbol	Numerical Value	Alternative description	Commonly used for:
	per cent	%	1 in 100 (10 ²)		total sulphur, hazardous waste
% x10	parts per thousand	‰	1 in 1000 (10 ³)	g/l (grams per litre)	water soluble sulphate test
‰ x 1,000	parts per million	ppm	1 in 1,000,000 (10 ⁶)	mg/kg (milligrams per kilogram)	most soil tests
				mg/l (milligrams per litre)	water tests
ppm x 1,000	parts per billion	ppb	1 in 1,000,000,000 (10 ⁹)	µg/kg (micrograms per kilogram)	PAH soil tests
				µg/l (micrograms per litre)	water/leachate tests
ppb x 1,000	parts per trillion	ppt	1 in 1,000,000,000,000 (10 ¹²)	ng/kg (nanograms per kilogram)	PAH soil tests
				ng/l (nanograms per litre)	water/leachate tests

ABBREVIATIONS

<u>Chemical</u>	BaP	Benzo(a)pyrene
	BTEX	Benzene, toluene, ethylbenzene, xylene
	DbA	Dibenzo(ah)anthracene
	EPH	Extractable petroleum hydrocarbons (formerly diesel range organics – DRO)
	LOI	Loss On Ignition
	MTBE	Methyl tertiaryt-butyl ether (additive to petrol)
	NFD	No fibres detected (asbestos test)
	PAH	Polycyclic aromatic hydrocarbons
	PCB	Polychlorinated biphenyls
	PCE	Perchloroethylene or tetrachloroethylene
	PID	Photo ionisation detector (screen for VOC)
	PRO/GRO	Petrol range organics/gasoline range organics
	SOM	Soil Organic Matter
	SVOC	Semi-volatile organic compounds
	TCE	Trichloroethylene
	TOC	Total Organic Carbon
	TPH	Total petroleum hydrocarbons
	VOC	Volatile organic compounds
<u>Other</u>	AGS	Association of Geotechnical Specialists
	BH	Borehole
	BGS	British Geological Survey
	BRE	Building Research Establishment
	CBR	California Bearing Ratio
	CIEH	Chartered Institute of Environmental Health
	CIRIA	Construction Industry Research and Information Association
	CLEA	Contaminated Land Exposure Assessment (Environment Agency/DEFRA)
	CLR 8	Contaminated Land Research Report 8 (Environment Agency/DEFRA)
	DWQ	Drinking water quality
	EA	Environment Agency
	EQS	Environmental quality standards (for rivers etc.)
	ICRCL	Inter-departmental Commission for the Reclamation of Contaminated Land
	LQM	Land Quality Management Ltd (Land and Environmental Consultancy).
	NHBC	National House Builders Council
	SGV	Soil Guideline Values
	SPT	Standard penetration test
	TH	Trial Hole
	TPHWG	TPH Working Group

1. This report should be considered in relation to the objectives agreed between Worms Eye and the Client, outlined in the introduction.
2. For the work, reliance has been placed on publicly available data, obtained from the sources identified in the report. The information is not exhaustive and further information may be available from other sources. When using the information it has been assumed it is correct, and no attempt has been made to verify the information.
3. This report has been produced in accordance with current UK policy and guidelines, for land and groundwater contamination, enforced by the Local Authority and the Environment Agency.
4. During the site walkover, reasonable effort was made to obtain an overview of the site. However, no attempt was made to enter areas that are unsafe, a risk to health and safety, locked, barricaded, overgrown, or areas not made accessible.
5. Access, the presence of services and activities on the site, limited locations where sampling could be carried out and the techniques that could be used.
6. Assessments are based on available information at the time of writing and are ultimately for the decision of the regulatory authorities.
7. The conclusions and recommendations provide an overview and guidance only and should not be specifically relied upon without considering the context of the report in full.
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9. New information, revised practices, or changes in legislation, may necessitate the re-interpretation of the report, in whole or in part.





Worms Eye Limited						PO Box 1157 COLNE, BB9 4HS			Site Land adjacent to 9 Taylors Lane, Bolton			Trial Pit Number CORE 2	
Excavation Method Trial Pit			Dimensions			Ground Level (mOD)		Client			Job Number BL2 6QS		
			Location Northeast corner of south stable block			Dates 07/04/2026		Project Contractor Worms Eye Ltd.			Sheet 1/1		
Depth (m)	Sample / Tests		Water Depth (m)	Field Records		Level (mOD)	Depth (m) (Thickness)	Description			Legend	Water	
							(0.09) 0.09 (0.11) 0.20	Concrete core. Light brown, sand mixed with dark brown soil (probable made ground). Complete at 0.20m					
Plan							Remarks						
							Dry.						
							Scale (approx)			Logged By		Figure No.	
							1:25			EW		BL2 6QS.CORE 2	

Worms Eye Limited					PO Box 1157 COLNE, BB9 4HS		Site Land adjacent to 9 Taylors Lane, Bolton		Trial Pit Number CORE 3	
Excavation Method Trial Pit		Dimensions		Ground Level (mOD)		Client		Job Number BL2 6QS		
		Location Southwest corner of south stable block		Dates 07/04/2026		Project Contractor Worms Eye Ltd.		Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water	
					(0.08) 0.08 (0.09) 0.17	Concrete. MADE GROUND - Ash and clinker. Complete at 0.17m		 		
Plan					Remarks					
.					Dry.					
.										
.										
.										
.										
.										
					Scale (approx)		Logged By		Figure No.	
					1:25		EW		BL2 6QS.CORE 3	

Worms Eye Limited					PO Box 1157 COLNE, BB9 4HS			Site Land adjacent to 9 Taylors Lane, Bolton			Trial Pit Number THA	
Excavation Method Trial Pit		Dimensions			Ground Level (mOD)		Client			Job Number BL2 6QS		
		Location Outside, by south at south stable block			Dates 07/04/2026		Project Contractor Worms Eye Ltd.			Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description			Legend	Water		
					0.05 (0.08) 0.13 (0.22) 0.35 (0.15) 0.50	Concrete core. Crushed stone and hardcore gravel. MADE GROUND - Ash, gravel, clinker and red brick. MADE GROUND - Light brown, slightly sandy, clay with red brick. Complete at 0.50m						
Plan					Remarks							
					Dry.							
					Scale (approx)		Logged By		Figure No.			
					1:25		EW		BL2 6QS.THA			

Worms Eye Limited					PO Box 1157 COLNE, BB9 4HS		Site Land adjacent to 9 Taylors Lane, Bolton		Trial Pit Number THC	
Excavation Method Trial Pit		Dimensions		Ground Level (mOD)		Client		Job Number BL2 6QS		
		Location Southeast corner		Dates 07/04/2026		Project Contractor Worms Eye Ltd.		Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water	
						Brown topsoil with fine roots.				
						Complete at 0.30m				
Plan					Remarks					
.					Dry.					
.										
.										
.										
.										
.										
					Scale (approx)		Logged By		Figure No.	
					1:25		EW		BL2 6QS.THCH	

Worms Eye Limited					PO Box 1157 COLNE, BB9 4HS		Site Land adjacent to 9 Taylors Lane, Bolton		Trial Pit Number THD	
Excavation Method Trial Pit		Dimensions		Ground Level (mOD)		Client		Job Number BL2 6QS		
		Location East of south stable block, away from building		Dates 07/04/2026		Project Contractor Worms Eye Ltd.		Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water	
						Dark brown, topsoil with fine roots.				
						Complete at 0.30m				
Plan					Remarks					
.					Dry.					
.										
.										
.										
.										
.										
					Scale (approx)		Logged By		Figure No.	
					1:25		EW		BL2 6QS.TH	

[illegible]

Worms Eye Limited						PO Box 1157 COLNE, BB9 4HS			Site Land adjacent to 9 Taylors Lane, Bolton			Trial Pit Number THF	
Excavation Method Trial Pit			Dimensions			Ground Level (mOD)		Client			Job Number BL2 6QS		
			Location East of south stable block, by building			Dates 07/04/2026		Project Contractor Worms Eye Ltd.			Sheet 1/1		
Depth (m)	Sample / Tests		Water Depth (m)	Field Records		Level (mOD)	Depth (m) (Thickness)	Description			Legend	Water	
							(0.35) 0.35 (0.15) 0.50	Topsoil with rare gravel.					
								Light brown, sandy soil.					
								Complete at 0.50m					
Plan							Remarks						
.							Dry.						
.													
.													
.													
.													
.							Scale (approx)		Logged By		Figure No.		
							1:25		EW		BL2 6QS.THF		

Worms Eye Limited						PO Box 1157 COLNE, BB9 4HS			Site Land adjacent to 9 Taylors Lane, Bolton			Trial Pit Number THG	
Excavation Method Trial Pit			Dimensions			Ground Level (mOD)		Client			Job Number BL2 6QS		
			Location East of south stable block, by building			Dates 07/04/2026		Project Contractor Worms Eye Ltd.			Sheet 1/1		
Depth (m)	Sample / Tests		Water Depth (m)	Field Records		Level (mOD)	Depth (m) (Thickness)	Description			Legend	Water	
							(0.20) 0.20	Dark brown, topsoil.					
							Complete at 0.20m						
Plan							Remarks						
.	.	.	.	.	.	.	.	.	.	.	Dry.		
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							Scale (approx)		Logged By		Figure No.		
							1:25		EW		BL2 6QS.THG		

Worms Eye Limited
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Analytical Report Number : 26-018036

Replaces Analytical Report Number: 26-018036, issue no. 1
Additional analysis undertaken.

Asbestos Quantification added to samples 882672,73 & 76 and
Leachate added to samples 882671,72,73 & 76 as per client's request

Project / Site name:	9 Taylors Lane Bury	Samples received on:	09/04/2026
Your job number:	BL2 6QS	Samples instructed on/ Analysis started on:	09/04/2026
Your order number:		Analysis completed by:	29/04/2026
Report Issue Number:	2	Report issued on:	29/04/2026
Samples Analysed:	10 soil samples - 4 leachate samples		



Signed:

Trevor Hill
Customer Service
For & on behalf of i2 Analytical Ltd.

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

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

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

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

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

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

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

Analytical Report Number: 26-018036
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number	882667	882668	882669	882670	882671
Sample Reference	Core 1	Core 2	Core 3	THA	THB
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.15	0.15	0.30	0.20
Date Sampled	07/04/2026	07/04/2026	07/04/2026	07/04/2026	07/04/2026
Time Taken	1500	1500	1500	1500	1500
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Mass of stone >10mm	%	0.1	NONE	< 0.1	5.2	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	18	13	20	12	26
Total mass of sample received	kg	0.1	NONE	0.3	0.3	0.3	1.2	0.8

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	-	-	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	-	-	-	PKU	PKU
Analysis completed	N/A	N/A	N/A	-	-	-	17/04/2026	17/04/2026
Actinolite detected	Type	N/A	ISO 17025	-	-	-	-	-
Amosite detected	Type	N/A	ISO 17025	-	-	-	-	-
Anthophyllite detected	Type	N/A	ISO 17025	-	-	-	-	-
Chrysotile detected	Type	N/A	ISO 17025	-	-	-	-	-
Crocidolite detected	Type	N/A	ISO 17025	-	-	-	-	-
Tremolite detected	Type	N/A	ISO 17025	-	-	-	-	-

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	-	-	-	-	-
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	-	-	-	-	-
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General Inorganics

pH (L099)	pH Units	N/A	MCERTS	-	-	-	6.8	6
Total Cyanide	mg/kg	1	MCERTS	-	-	-	< 1.0	< 1.0
Thiocyanate as SCN	mg/kg	5	NONE	-	-	-	< 5.0	24
Total Sulphate as SO ₄	%	0.005	MCERTS	-	-	-	0.166	0.104
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	-	-	1300	160
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	-	-	-	638	81.6
Sulphide	mg/kg	1	MCERTS	-	-	-	4.2	3.3
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	-	-	-	1.1	5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	-	-	-	< 1.0	< 1.0
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Analytical Report Number: 26-018036
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number	882667	882668	882669	882670	882671
Sample Reference	Core 1	Core 2	Core 3	THA	THB
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.10	0.15	0.15	0.30	0.20
Date Sampled	07/04/2026	07/04/2026	07/04/2026	07/04/2026	07/04/2026
Time Taken	1500	1500	1500	1500	1500
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.65	0.19	0.44
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.86
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.46
Phenanthrene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.23	0.1	2.4
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.4
Fluoranthene	mg/kg	0.05	MCERTS	0.07	< 0.05	< 0.05	< 0.05	2.3
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	2.2
Benzo(a)anthracene	mg/kg	0.05	MCERTS	U/S ^{*U/S f}	< 0.05	< 0.05	< 0.05	1.1
Chrysene	mg/kg	0.05	MCERTS	U/S ^{*U/S f}	< 0.05	< 0.05	< 0.05	1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	U/S ^{*U/S f}	< 0.05	< 0.05	< 0.05	1.3
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	U/S ^{*U/S f}	< 0.05	< 0.05	< 0.05	0.49
Benzo(a)pyrene	mg/kg	0.05	MCERTS	U/S ^{*U/S f}	< 0.05	< 0.05	< 0.05	1.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	U/S ^{*U/S f}	< 0.05	< 0.05	< 0.05	0.52
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	U/S ^{*U/S f}	< 0.05	< 0.05	< 0.05	0.1
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	U/S ^{*U/S f}	< 0.05	< 0.05	< 0.05	0.53

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	U/S	< 0.80	0.87	< 0.80	15.2
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	7.5	11
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	-	-	0.4	0.6
Chromium (hexavalent)	mg/kg	1.8	MCERTS	-	-	-	< 1.8	U/S ^{*U/S g}
Chromium (hexavalent) by IC	mg/kg	1.8	NONE	-	-	-	-	< 1.80
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	16	23
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	46	34
Lead (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	9.3	74
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	-	-	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	27	13
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	< 1.0	1.2
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	-	-	42	280

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS 1D AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS 1D AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS 1D AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH CU 1D AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH CU 1D AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH CU 1D AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH CU 1D AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPHCWG - Aliphatic >EC5 - EC35 _{EH CU+HS 1D AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

Analytical Report Number: 26-018036
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number				882667	882668	882669	882670	882671
Sample Reference				Core 1	Core 2	Core 3	THA	THB
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A	N/A
Depth (m)				0.10	0.15	0.15	0.30	0.20
Date Sampled				07/04/2026	07/04/2026	07/04/2026	07/04/2026	07/04/2026
Time Taken				1500	1500	1500	1500	1500
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status					

TPHCWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
TPHCWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.02	MCERTS	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
TPHCWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPHCWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPHCWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPHCWG - Aromatic >EC5 - EC35 EH_CU+HS_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

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

Analytical Report Number: 26-018036
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number	882672	882673	882674	882675	882676
Sample Reference	THC	THD	THE	THF	THG
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.20	0.20	0.05	0.05	0.10
Date Sampled	07/04/2026	07/04/2026	07/04/2026	07/04/2026	07/04/2026
Time Taken	1500	1500	1500	1500	1500
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Mass of stone >10mm	%	0.1	NONE	< 0.1	< 0.1	-	-	< 0.1
Moisture Content	%	0.01	NONE	24	21	-	-	29
Total mass of sample received	kg	0.1	NONE	0.8	1.1	-	-	1.2

Asbestos

Asbestos in Soil Detected/Not Detected	Type	N/A	ISO 17025	Detected	Detected	Not-detected	Not-detected	Detected
Asbestos Analyst ID	N/A	N/A	N/A	PKU	PKU	PKU	PKU	PKU
Analysis completed	N/A	N/A	N/A	17/04/2026	17/04/2026	17/04/2026	17/04/2026	17/04/2026
Actinolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected
Amosite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected
Anthophyllite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected
Chrysotile detected	Type	N/A	ISO 17025	Detected	Detected	-	-	Detected
Crocidolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected
Tremolite detected	Type	N/A	ISO 17025	Not-detected	Not-detected	-	-	Not-detected

Asbestos % by hand picking/weighing	%	0.001	ISO 17025	0.281	0.011	-	-	0.456
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Asbestos Containing Material Types Detected (ACM)	Type	N/A	ISO 17025	Sheeting/Board Debris	Loose Fibres	-	-	Loose Fibres, Sheeting/Board Debris, Asbestos Cement
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General Inorganics

pH (L099)	pH Units	N/A	MCERTS	6.5	5.8	-	-	6.8
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	-	-	< 1.0
Thiocyanate as SCN	mg/kg	5	NONE	< 5.0	< 5.0	-	-	< 5.0
Total Sulphate as SO ₄	%	0.005	MCERTS	0.065	0.081	-	-	0.108
Water Soluble Sulphate as SO ₄ 16hr extraction (2:1)	mg/kg	2.5	MCERTS	34	52	-	-	41
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	16.9	26.1	-	-	20.5
Sulphide	mg/kg	1	MCERTS	< 1.0	< 1.0	-	-	< 1.0
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	5.5	3.1	-	-	6.3

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	-	-	< 1.0
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Analytical Report Number: 26-018036
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number	882672	882673	882674	882675	882676
Sample Reference	THC	THD	THE	THF	THG
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.20	0.20	0.05	0.05	0.10
Date Sampled	07/04/2026	07/04/2026	07/04/2026	07/04/2026	07/04/2026
Time Taken	1500	1500	1500	1500	1500
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.18	0.1	-	-	0.08
Acenaphthylene	mg/kg	0.05	MCERTS	1.1	< 0.05	-	-	0.07
Acenaphthene	mg/kg	0.05	MCERTS	0.78	0.18	-	-	0.16
Fluorene	mg/kg	0.05	MCERTS	1.2	0.11	-	-	0.1
Phenanthrene	mg/kg	0.05	MCERTS	11	1.3	-	-	1.4
Anthracene	mg/kg	0.05	MCERTS	1.9	0.24	-	-	0.27
Fluoranthene	mg/kg	0.05	MCERTS	15	1.8	-	-	2.4
Pyrene	mg/kg	0.05	MCERTS	13	1.7	-	-	2.2
Benzo(a)anthracene	mg/kg	0.05	MCERTS	5	0.76	-	-	0.9
Chrysene	mg/kg	0.05	MCERTS	4.9	0.78	-	-	1.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	7.4	1	-	-	1.2
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	2	0.3	-	-	0.51
Benzo(a)pyrene	mg/kg	0.05	MCERTS	5.3	0.7	-	-	0.98
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	2.9	0.4	-	-	0.56
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.6	0.09	-	-	0.18
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	3	0.38	-	-	0.61

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	74.8	9.9	-	-	12.7
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	18	36	-	-	24
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	10	0.6	-	-	0.5
Chromium (hexavalent)	mg/kg	1.8	MCERTS	U/S ^{*U/S g}	U/S ^{*U/S g}	-	-	U/S ^{*U/S g}
Chromium (hexavalent) by IC	mg/kg	1.8	NONE	< 1.80	< 1.80	-	-	< 1.80
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	31	30	-	-	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	56	67	-	-	63
Lead (aqua regia extractable)	mg/kg	1	MCERTS	110	140	-	-	150
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.3	< 0.3	-	-	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	25	25	-	-	22
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	1.3	2	-	-	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	300	130	-	-	240

Petroleum Hydrocarbons

TPHCWG - Aliphatic >EC5 - EC6 _{HS 1D AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	-	-	< 0.010
TPHCWG - Aliphatic >EC6 - EC8 _{HS 1D AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	-	-	< 0.010
TPHCWG - Aliphatic >EC8 - EC10 _{HS 1D AL}	mg/kg	0.01	MCERTS	< 0.010	< 0.010	-	-	< 0.010
TPHCWG - Aliphatic >EC10 - EC12 _{EH CU 1D AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	-	-	< 1.0
TPHCWG - Aliphatic >EC12 - EC16 _{EH CU 1D AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	-	-	< 2.0
TPHCWG - Aliphatic >EC16 - EC21 _{EH CU 1D AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	-	-	< 8.0
TPHCWG - Aliphatic >EC21 - EC35 _{EH CU 1D AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	-	-	< 8.0
TPHCWG - Aliphatic >EC5 - EC35 _{EH CU+HS 1D AL}	mg/kg	10	NONE	< 10	< 10	-	-	< 10

Analytical Report Number: 26-018036
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number	882672	882673	882674	882675	882676
Sample Reference	THC	THD	THE	THF	THG
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A	N/A
Depth (m)	0.20	0.20	0.05	0.05	0.10
Date Sampled	07/04/2026	07/04/2026	07/04/2026	07/04/2026	07/04/2026
Time Taken	1500	1500	1500	1500	1500
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

TPHCWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010	< 0.010	-	-	< 0.010
TPHCWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.01	MCERTS	< 0.010	< 0.010	-	-	< 0.010
TPHCWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.02	MCERTS	< 0.020	< 0.020	-	-	< 0.020
TPHCWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	-	-	< 1.0
TPHCWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	-	-	< 2.0
TPHCWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	18	< 10	-	-	< 10
TPHCWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	46	< 10	-	-	18
TPHCWG - Aromatic >EC5 - EC35 EH_CU+HS_1D_AR	mg/kg	10	NONE	64	< 10	-	-	18

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	MCERTS	< 5.0	< 5.0	-	-	< 5.0
Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	-	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	-	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	-	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0	-	-	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	-	-	< 5.0

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



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Analytical Report Number: **26-018036**
Project / Site name: **9 Taylors Lane Bury**
Your Order No:

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006 based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample	Analysis completed	Analyst ID
882672	THC	0.2	72	Sheeting/Board Debris	Chrysotile	0.281	0.281	27/04/2026	MBI
882673	THD	0.2	83.1	Loose Fibres	Chrysotile	0.011	0.011	27/04/2026	MBI
882676	THG	0.1	110	Loose Fibres, Sheeting/Board Debris, Asbestos Cement	Chrysotile	0.456	0.456	27/04/2026	MBI

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.

Analytical Report Number: 26-018036
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number	882671	882672	882673	882676
Sample Reference	THB	THC	THD	THG
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix	N/A	N/A	N/A	N/A
Depth (m)	0.20	0.20	0.20	0.10
Date Sampled	07/04/2026	07/04/2026	07/04/2026	07/04/2026
Time Taken	1500	1500	1500	1500
Analytical Parameter (Leachate Analysis)	Units	Test Limit of detection	Test Accreditation Status	

Speciated PAHs

Naphthalene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Acenaphthylene	µg/l	0.01	NONE	< 0.01	0.04	-	-
Acenaphthene	µg/l	0.01	NONE	< 0.01	0.05	-	-
Fluorene	µg/l	0.01	NONE	< 0.01	0.03	-	-
Phenanthrene	µg/l	0.01	NONE	< 0.01	0.05	-	-
Anthracene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Fluoranthene	µg/l	0.01	NONE	< 0.01	0.02	-	-
Pyrene	µg/l	0.01	NONE	< 0.01	0.02	-	-
Benzo(a)anthracene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Chrysene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Benzo(b)fluoranthene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Benzo(k)fluoranthene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Benzo(a)pyrene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Indeno(1,2,3-cd)pyrene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Dibenz(a,h)anthracene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-
Benzo(ghi)perylene	µg/l	0.01	NONE	< 0.01	< 0.01	-	-

Total PAH

Total EPA-16 PAHs	µg/l	0.16	NONE	< 0.16	0.2	-	-
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Heavy Metals / Metalloids

Arsenic (dissolved)	µg/l	1	ISO 17025	-	-	3	8.6
Copper (dissolved)	µg/l	0.7	ISO 17025	-	-	15	18
Lead (dissolved)	µg/l	1	ISO 17025	-	-	4.9	8.5
Zinc (dissolved)	µg/l	0.4	ISO 17025	330	42	-	-

Petroleum Hydrocarbons

TPH - Aliphatic >EC5 - EC6 _{HS_1D_AL}	µg/l	1	NONE	-	< 1.0	-	-
TPH - Aliphatic >EC6 - EC8 _{HS_1D_AL}	µg/l	1	NONE	-	< 1.0	-	-
TPH - Aliphatic >EC8 - EC10 _{HS_1D_AL}	µg/l	1	NONE	-	< 1.0	-	-
TPH - Aliphatic >EC10 - EC12 _{EH_1D_AL_MS}	µg/l	10	NONE	-	< 10	-	-
TPH - Aliphatic >EC12 - EC16 _{EH_1D_AL_MS}	µg/l	10	NONE	-	< 10	-	-
TPH - Aliphatic >EC16 - EC21 _{EH_1D_AL_MS}	µg/l	10	NONE	-	< 10	-	-
TPH - Aliphatic >EC21 - EC35 _{EH_1D_AL_MS}	µg/l	10	NONE	-	< 10	-	-
TPH - Aliphatic >EC5 - EC35 _{HS+EH_1D_AL_MS}	µg/l	10	NONE	-	< 10	-	-

TPH - Aromatic >EC5 - EC7 _{HS_1D_AR}	µg/l	1	NONE	-	< 1.0	-	-
TPH - Aromatic >EC7 - EC8 _{HS_1D_AR}	µg/l	1	NONE	-	< 1.0	-	-
TPH - Aromatic >EC8 - EC10 _{EH_1D_AR_MS}	µg/l	1	NONE	-	< 1.0	-	-
TPH - Aromatic >EC10 - EC12 _{EH_1D_AR_MS}	µg/l	10	NONE	-	< 10	-	-
TPH - Aromatic >EC12 - EC16 _{EH_1D_AR_MS}	µg/l	10	NONE	-	< 10	-	-
TPH - Aromatic >EC16 - EC21 _{EH_1D_AR_MS}	µg/l	10	NONE	-	< 10	-	-
TPH - Aromatic >EC21 - EC35 _{EH_1D_AR_MS}	µg/l	10	NONE	-	< 10	-	-
TPH - Aromatic >EC6 - EC35 _{HS+EH_1D_AR_MS}	µg/l	10	NONE	-	< 10	-	-

Analytical Report Number: 26-018036
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number				882671	882672	882673	882676
Sample Reference				THB	THC	THD	THG
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Water Matrix				N/A	N/A	N/A	N/A
Depth (m)				0.20	0.20	0.20	0.10
Date Sampled				07/04/2026	07/04/2026	07/04/2026	07/04/2026
Time Taken				1500	1500	1500	1500
Analytical Parameter (Leachate Analysis)	Units	Test Limit of detection	Test Accreditation Status				

VOCs

MTBE (Methyl Tertiary Butyl Ether)	µg/l	3	NONE	-	< 3.0	-	-
Benzene	µg/l	1	NONE	-	< 1.0	-	-
Toluene	µg/l	1	NONE	-	< 1.0	-	-
Ethylbenzene	µg/l	1	NONE	-	< 1.0	-	-
p & m-xylene	µg/l	1	NONE	-	< 1.0	-	-
o-xylene	µg/l	1	NONE	-	< 1.0	-	-

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

Analytical Report Number : 26-018036
Project / Site name: 9 Taylors Lane Bury

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
882667	Core 1	None Supplied	0.1	Brown clay and sand with gravel and vegetation
882668	Core 2	None Supplied	0.15	Brown sandy gravel with stones ^{*9}
882669	Core 3	None Supplied	0.15	Brown sandy gravel with gravel ^{*9}
882670	THA	None Supplied	0.3	Brown loam and sand with gravel and vegetation
882671	THB	None Supplied	0.2	Brown loam and clay with gravel and vegetation
882672	THC	None Supplied	0.2	Brown loam and clay with gravel and vegetation
882673	THD	None Supplied	0.2	Brown loam and clay with gravel and vegetation
882676	THG	None Supplied	0.1	Brown loam and clay with gravel and vegetation

Analytical Report Number : 26-018036
Project / Site name: 9 Taylors Lane Bury

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters Heating/Cooling (PrW) DI Process Water (DI PrW)
Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Moisture Content (Wet Weight)	Moisture content (% wet weight), determined gravimetrically (up to 30°C)	In-house-procedure based on BS EN 12880:2000	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID in soil	Determination of total petroleum hydrocarbons in soil by GC-FID with carbon banding aliphatic and aromatic	In-house method	L076B	D	MCERTS
Total petroleum hydrocarbons with carbon banding by GC-FID/GC-MS HS in soil (Summed Bands)	Determination of total petroleum hydrocarbons in soil by GC-FID/GC-MS HS with carbon banding aliphatic and aromatic (Summed Bands).	Calculation	L076B/L088-PL	D/W	NONE
Total petroleum hydrocarbons with carbon banding by HS-GC/MS in soil	Determination of total petroleum hydrocarbons in soil by HS-GC/MS with carbon banding aliphatic and aromatic	In-house method	L088-PL	W	MCERTS
Soil Descriptions	Textural classification	In-house method	L019B	W	NONE
Asbestos identification in Soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques	In-house method based on HSG 248, 2021	A001B	D	ISO 17025
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode	In-house method	L010-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L038B	D	MCERTS
Total sulphate (as SO ₄ in soil)	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES	In-house method	L038B	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Sulphate, water soluble, in soil (16hr extraction)	In-house method	L038B	D	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry	In-house method	L080-PL	W	MCERTS
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS

Analytical Report Number : 26-018036
Project / Site name: 9 Taylors Lane Bury

Water matrix abbreviations:

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

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	MCERTS
Thiocyanate in soil	Determination of thiocyanate in soil by extraction in water followed by acidification followed by addition of ferric nitrate followed by discrete analyser (spectrophotometer)	In-house method	L082B	D	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement	In-house method	L099-PL	D	MCERTS
Metals by ICP-OES in leachate	Determination of metals in leachate by acidification followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L039B	W	ISO 17025
Hexavalent chromium in soil by Ion Chromatography	Determination of hexavalent chromium in alkaline soil extract by use of ion chromatography with spectrophotometric detection	In-house method	L130B	W	NONE
Speciated PAHs and/or Semi-volatile organic compounds in leachate	SVOCs and PAHs in leachate	In-house method	L102B		NONE
NRA Leachate 10:1		In-house method based on interim NRA guidance (1994)	L020B	W	NONE
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references	HSE Report No: 83/1996, HSG 248 (2021), HSG 264 (2012) & SCA Blue Book (draft)	A006B	D	ISO 17025
Total petroleum hydrocarbons with carbon banding by GC-MS in leachate	Determination of total petroleum hydrocarbons in leachate by GC-MS with carbon banding aliphatic and aromatic	In-house method	L070B	W	NONE
Total petroleum hydrocarbons with carbon banding by GC-MS/GC-MS HS in leachate (Summed Bands)	Determination of total petroleum hydrocarbons in leachate by GC-MS/GC-MS HS with carbon banding aliphatic and aromatic (Summed Bands).	Calculation	L070B/L088-PL	W	NONE
BTEX and/or Volatile organic compounds in leachate	Determination of volatile organic compounds in leachate by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	NONE

Analytical Report Number : 26-018036
Project / Site name: 9 Taylors Lane Bury

Water matrix abbreviations:

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

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Total petroleum hydrocarbons with carbon banding by HS-GC/MS in leachate	Determination of total petroleum hydrocarbons in leachate by HS-GC/MS with carbon banding aliphatic and aromatic	In-house method	L088-PL	W	NONE

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

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

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

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

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

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

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

The result for sum should be interpreted with caution

*U/S g- Unsuitable for analysis due to high colour intensity.

*U/S f- Unsuitable for analysis due to sample matrix (Has absorbed the internal standard, which is used to calculate the concentrations of the determined chemical compounds.)

*g - Unaccredited sample matrix.

LAND ADJACENT TO 9 TAYLOR'S LANE, BURY, BL2 6QS

Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITH HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/ Fail	SSAC	Pass/ Fail	Failed Samples
HEAVY METALS						
- Arsenic	36	37*	✓			
- Cadmium	10	11*	✓			
- Chromium III	32	910*	✓			
- Chromium VI	<1.8	6*	✓			
- Copper	67	2400*	✓			
- Lead	150	200▲	✓			
- Inorganic Mercury	0.3	40*	✓			
- Methyl Mercury	0.3	11*	✓			
- Nickel	27	180*	✓			
- Selenium	2	350#	✓			
- Zinc	300	3700*	✓			
OTHER INORGANICS						
- Asbestos	Chrysotile		X			THC – 0.20m, THD – 0.20m, THG – 0.10m
- Cyanide (total)	<1.0	20 (D)	✓			
- pH range	5.8 – 6.8	-	-			
- Sulphate (g/l)	0.638	0.5 (B)	X			THA – 0.30m
- Sulphide	4.2	250 (E)	✓			
-TOC range (%)	1.1 – 6.3	-	-			

All units mg/kg (parts per million/ppm) unless shown otherwise

Metals & inorganic values derived using 6% SOM (soil organic mater)

Sources

- Soil Guideline Values ▲ - C4SL

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(D) – Dutch (B) - BRE – Building Research Establishment (E) - EA Disposal Threshold 2002

® - CLEA 1.06 Software

SSAC – Site Specific Assessment Criteria (derived with CLEA 1.06 software)

LAND ADJACENT TO 9 TAYLOR'S LANE, BURY, BL2 6QS

Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITH HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/Fail	SSAC	Pass/Fail	Failed Samples
PAHs						
- Acenaphthene	0.86	510*	✓			
- Acenaphthylene	1.1	420*	✓			
- Anthracene	1.9	5400*	✓			
- Benz(a)anthracene	5	11*	✓			
- Benzo(a)pyrene (BAP)*	5.3	2.7*	X			THC – 0.20m
- Benzo(b)fluoranthene	7.4	3.3*	X			THC – 0.20m
- Benzo(ghi)perylene	3	340*	✓			
- Benzo(k)fluoranthene	2	93*	✓			
- Chrysene	4.9	22*	✓			
- Dibenzo(ah)anthracene (DBA)	0.6	0.28*	X			THC – 0.20m
- Fluoranthene	15	560*	✓			
- Fluorene	1.2	400*	✓			
- Indene (123-cd) pyrene	2.9	36*	✓			
- Naphthalene	0.44	5.6*	✓			
- Phenanthrene	11	220*	✓			
- Pyrene	13	1200*	✓			
OTHER COMPOUNDS						
Phenols	<1.0	550*	✓			

All units mg/kg (parts per million/ppm) unless shown otherwise

Hydrocarbon values derived using 2.5% SOM

BAP is a marker for genotoxic PAHs

Sources

- Soil Guideline Values ▲ - C4SL

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(D) – Dutch (B) - BRE – Building Research Establishment (E) - EA Disposal Threshold 2002

® - CLEA 1.06 Software

SSAC – Site Specific Assessment Criteria (derived with CLEA 1.06 software)

LAND ADJACENT TO 9 TAYLOR'S LANE, BURY, BL2 6QS

Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITH HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/Fail	SSAC	Pass/Fail	Failed Samples
BTEX COMPOUNDS						
- Benzene	<0.005	0.17*	✓			
- Toluene	<0.005	290*	✓			
- Ethyl-benzene	<0.005	110*	✓			
- Xylene - O	<0.005	140*	✓			
- M/P	<0.008	130*	✓			
TPHs						
<u>Aliphatics</u>						
C ₅ – C ₆	<0.010	78*	✓			
C ₆ – C ₈	<0.010	230*	✓			
C ₈ – C ₁₀	<0.010	65*	✓			
C ₁₀ – C ₁₂	<1.0	330 (118 vap)*	✓			
C ₁₂ – C ₁₆	<2.0	2400 (59 sol)*	✓			
C ₁₆ – C ₃₅	<16	92000 (21 sol)*	✓			
<u>Aromatics</u>						
C ₅ – C ₇	<0.010	140*	✓			
C ₇ – C ₈	<0.010	290*	✓			
C ₈ – C ₁₀	<0.020	83*	✓			
C ₁₀ – C ₁₂	<1.0	180*	✓			
C ₁₂ – C ₁₆	<2.0	330*	✓			
C ₁₆ – C ₂₁	18	540*	✓			
C ₂₁ – C ₃₅	46	1500*	✓			

All units mg/kg (parts per million/ppm) unless shown otherwise

Hydrocarbon values derived using 2.5% SOM

Vap – vapour saturation limit Soil – solubility saturation limit

Sources

- Soil Guideline Values ▲ - C4SL

* - LQM/CIEH "copyright" Land Quality Management Limited reproduced with permission, publication number S4UL3308. All rights reserved

(D) – Dutch (B) - BRE – Building Research Establishment (E) - EA Disposal Threshold 2002

(H) – Hazardous Waste

® - CLEA 1.06 Software

SSAC – Site Specific Assessment Criteria (derived with CLEA 1.06 software)

LAND ADJACENT TO 9 TAYLOR'S LANE, BURY, BL2 6QS

Leachate Comparison of Contamination Test Results with Thresholds

All units µg/l (parts per billion/ppb) ¹ except pH and PID

Contaminant	Max	DWQ	Pass/ Fail	Comment
<u>INORGANIC</u>			√/x	
Metals				
Arsenic	8.6	10	✓	
Copper	18	2000	✓	
Lead	8.5	10	✓	
Zinc	330	3000	✓	

DWQ = Drinking Water Quality (UK)

EQS = Environmental Quality Standard (Rivers)

D = Dutch

EAL = Environment Agency Leachate

WHO = World Health Organisation

LAND ADJACENT TO 9 TAYLOR'S LANE, BURY, BL2 6QS

Leachate Comparison of Contamination Test Results with Thresholds

All units ug/l (parts per billion/ppb) unless shown otherwise

Contaminant	Max Value	DWQ	Pass/Fail	Source	Comment
<u>Hydrocarbons</u>					
MTBE	<3.0	20	✓	USEPA	
<u>BTEX</u>					
- Benzene	<1.0	1	✓	WHO	
- Toluene	<1.0	700	✓	WHO	
- Ethyl-benzene	<1.0	300	✓	WHO	
- Xylene	<2.0	500	✓	WHO	
<u>TPHs (see also BTEX)</u>					
<u>Aliphatics</u>					
C ₅ – C ₈	<2.0	15000	✓	WHO	
C ₈ – C ₁₆	<21	300	✓	WHO	
Total Aliphatics	<10	300	✓	WHO (conservative figure)	
<u>Aromatics</u>					
C ₁₀ – C ₁₆	<20	100	✓	WHO	
C ₁₆ – C ₃₅	<20	90	✓	WHO	
Total Aromatics	<10	90	✓	WHO (conservative figure)	

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LAND ADJACENT TO 9 TAYLOR'S LANE, BURY, BL2 6QS

Leachate Comparison of Contamination Test Results with Thresholds

All units ug/l (parts per billion/ppb) unless shown otherwise

Contaminant	Max Value	Combine (if required)	DWQ	Pass/Fail	EQS	Pass/Fail	Comment
<u>PAHs</u>							
- Benzo(a)pyrene (BAP)	<0.01	-	0.01	✓	-	-	
- Naphthalene	<0.01	-	-	-	1.0	✓	
- Benzo(b/k)fluoranthene	<0.02	<0.04	0.1	✓	-	-	
- Ideno(123cd)pyrene	<0.01				-	-	
- Benzo(ghi)perylene	<0.01				-	-	

DWQ = Drinking Water Quality (UK)

EQS = Environmental Quality Standard (Rivers)

D = Dutch

EAL = Environment Agency Leachate

WHO = World Health Organisation

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Analytical Report Number : 26-020596

Project / Site name:	9 Taylors Lane Bury	Samples received on:	09/04/2026
Your job number:	BL2 6QS	Samples instructed on/ Analysis started on:	21/04/2026
Your order number:		Analysis completed by:	28/04/2026
Report Issue Number:	1	Report issued on:	28/04/2026
Samples Analysed:	2 soil samples - 2 leachate samples		



Signed:

Anna Goc
PL Head of Reporting Team
For & on behalf of i2 Analytical Ltd.

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

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

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

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

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

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

Analytical Report Number: 26-020596
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number	894790	894791
Sample Reference	THC	THD
Sample Number	None Supplied	None Supplied
Water Matrix	N/A	N/A
Depth (m)	0.20	0.20
Date Sampled	07/04/2026	07/04/2026
Time Taken	1500	1500
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection
		Test Accreditation Status

Mass of stone >10mm	%	0.1	NONE	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	33	21
Total mass of sample received	kg	0.1	NONE	0.8	1.1

General Inorganics

pH (L005B)	pH Units	N/A	MCERTS	6.7	4.9
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	-	3
Total Organic Carbon (TOC) - Manual	%	0.1	MCERTS	8.7	-
Loss on Ignition @ 450°C	%	0.2	MCERTS	15	7.4
Acid Neutralisation Capacity	mmol/kg	-9999	NONE	-1.6	-21

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.09	0.1
Acenaphthylene	mg/kg	0.05	MCERTS	0.14	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.16	0.13
Fluorene	mg/kg	0.05	MCERTS	0.18	0.07
Phenanthrene	mg/kg	0.05	MCERTS	2	0.91
Anthracene	mg/kg	0.05	MCERTS	0.28	0.16
Fluoranthene	mg/kg	0.05	MCERTS	3.1	1.2
Pyrene	mg/kg	0.05	MCERTS	2.8	1.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.2	0.63
Chrysene	mg/kg	0.05	MCERTS	1.6	0.64
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2.1	0.66
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.77	0.28
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.7	0.45
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1	0.32
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.28	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.1	0.22
Coronene	mg/kg	0.05	NONE	0.59	< 0.05

Total PAH

Total WAC-17 PAHs	mg/kg	0.85	NONE	19.1	6.89
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Petroleum Hydrocarbons

Mineral Oil (EC10 - EC40) EH_CU_1D_AL	mg/kg	10	NONE	< 10	< 10
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VOCs

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0
p & m-Xylene	µg/kg	8	MCERTS	< 8.0	< 8.0
o-Xylene	µg/kg	5	MCERTS	< 5.0	< 5.0

Total BTEX	µg/kg	10	MCERTS	< 10	< 10
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Analytical Report Number: 26-020596
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number				894790	894791
Sample Reference				THC	THD
Sample Number				None Supplied	None Supplied
Water Matrix				N/A	N/A
Depth (m)				0.20	0.20
Date Sampled				07/04/2026	07/04/2026
Time Taken				1500	1500
Analytical Parameter (Soil Analysis)	Units	Test Limit of detection	Test Accreditation Status		

PCBs by GC-MS

PCB Congener 28	mg/kg	0.001	MCERTS	< 0.001	< 0.001
PCB Congener 52	mg/kg	0.001	MCERTS	< 0.001	< 0.001
PCB Congener 101	mg/kg	0.001	MCERTS	< 0.001	< 0.001
PCB Congener 118	mg/kg	0.001	MCERTS	< 0.001	< 0.001
PCB Congener 138	mg/kg	0.001	MCERTS	< 0.001	< 0.001
PCB Congener 153	mg/kg	0.001	MCERTS	< 0.001	< 0.001
PCB Congener 180	mg/kg	0.001	MCERTS	< 0.001	< 0.001
Total PCBs	mg/kg	0.007	MCERTS	< 0.007	< 0.007

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

Analytical Report Number: 26-020596
Project / Site name: 9 Taylors Lane Bury

Lab Sample Number				894790	894791
Sample Reference				THC	THD
Sample Number				None Supplied	None Supplied
Water Matrix				N/A	N/A
Depth (m)				0.20	0.20
Date Sampled				07/04/2026	07/04/2026
Time Taken				1500	1500
Analytical Parameter (Leachate Analysis)	Units	Test Limit of detection	Test Accreditation Status		

10:1 WAC Leachate

Arsenic	mg/l	0.001	ISO 17025	0.00818	0.00344
Barium	mg/l	0.00005	ISO 17025	0.00649	0.00263
Cadmium	mg/l	0.0001	ISO 17025	0.000265	< 0.000100
Chromium	mg/l	0.0004	ISO 17025	0.00096	0.00069
Copper	mg/l	0.0007	ISO 17025	0.018	0.0071
Mercury	mg/l	0.0005	ISO 17025	< 0.000500	< 0.000500
Molybdenum	mg/l	0.0004	ISO 17025	0.00348	0.000962
Nickel	mg/l	0.0003	ISO 17025	0.0038	0.00053
Lead	mg/l	0.001	ISO 17025	< 0.0010	< 0.0010
Antimony	mg/l	0.0017	ISO 17025	0.0034	< 0.0017
Selenium	mg/l	0.004	ISO 17025	< 0.0040	< 0.0040
Zinc	mg/l	0.0004	ISO 17025	0.03	0.01
Chloride	mg/l	0.15	ISO 17025	0.76	0.46
Fluoride	mg/l	0.05	ISO 17025	0.099	0.052
Sulphate	mg/l	0.045	ISO 17025	2.8	1.6
Total dissolved solids	mg/l	6	ISO 17025	29	11
Total monohydric phenols	mg/l	0.01	ISO 17025	< 0.010	< 0.010
Dissolved organic carbon	mg/l	0.1	NONE	7.11	5.95

10:1 WAC Leachate

Arsenic	mg/kg	0.01	NONE	0.0818	0.0344
Barium	mg/kg	0.0005	NONE	0.0649	0.0263
Cadmium	mg/kg	0.001	NONE	0.00265	< 0.00100
Chromium	mg/kg	0.004	NONE	0.0096	0.0069
Copper	mg/kg	0.007	NONE	0.18	0.071
Mercury	mg/kg	0.005	NONE	< 0.00500	< 0.00500
Molybdenum	mg/kg	0.004	NONE	0.0348	0.00962
Nickel	mg/kg	0.003	NONE	0.038	0.0053
Lead	mg/kg	0.01	NONE	< 0.010	< 0.010
Antimony	mg/kg	0.017	NONE	0.034	< 0.017
Selenium	mg/kg	0.04	NONE	< 0.040	< 0.040
Zinc	mg/kg	0.004	NONE	0.3	0.1
Chloride	mg/kg	1.5	NONE	7.6	4.6
Fluoride	mg/kg	0.5	NONE	0.99	0.52
Sulphate	mg/kg	0.45	NONE	28	16
Total dissolved solids	mg/kg	60	NONE	290	110
Total monohydric phenols	mg/kg	0.1	NONE	< 0.10	< 0.10
Dissolved organic carbon	mg/kg	1	NONE	71.1	59.5

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



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This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report are representative of the samples submitted for analysis.

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Waste Acceptance Criteria Analytical Results

Report No:	26-020596					
				Client: Worms Eye Limited		
Location	9 Taylors Lane Bury					
Lab Reference (Sample Number)	894791			Landfill Waste Acceptance Criteria		
				Limits		
Sampling Date	07/04/2026			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	THD					
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	3			3%	5%	6%
Loss on Ignition (%) **	7.4			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg) EH, 10, CU, AL	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	6.89			100	--	--
pH (units)**	4.9			--	>6	--
Acid Neutralisation Capacity (mmol / kg)	-21			--	To be evaluated	To be evaluated
Eluate Analysis (BS EN 12457 - 2 preparation utilising end over end leaching procedure)	10:1			10:1	Limit values for compliance leaching test	
	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	0.00344			0.0344	0.5	2
Barium *	0.00263			0.0263	20	100
Cadmium *	< 0.000100			< 0.00100	0.04	1
Chromium *	0.00069			0.0069	0.5	10
Copper *	0.0071			0.071	2	50
Mercury *	< 0.000500			< 0.00500	0.01	0.2
Molybdenum *	0.000962			0.00962	0.5	10
Nickel *	0.00053			0.0053	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.01			0.1	4	50
Chloride *	0.46			4.6	800	15000
Fluoride*	0.052			0.52	10	150
Sulphate *	1.6			16	1000	20000
TDS*	11			110	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	5.95			59.5	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.1					
Dry Matter (%)	79					
Moisture (%)	21					
Results are expressed on a dry weight basis, after correction for moisture content where applicable.				*= UKAS accredited (liquid eluate analysis only)		
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation				** = MCERTS accredited		
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

Analytical Report Number : 26-020596
Project / Site name: 9 Taylors Lane Bury

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
894790	THC	None Supplied	0.2	Brown loam and clay with gravel and vegetation
894791	THD	None Supplied	0.2	Brown loam and clay with gravel and vegetation

Analytical Report Number : 26-020596
Project / Site name: 9 Taylors Lane Bury

Water matrix abbreviations:

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

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
pH at 20°C in soil	Determination of pH in soil by addition of water followed by electrometric measurement	In-house method	L005B	W	MCERTS
Moisture Content (Wet Weight)	Moisture content (% wet weight), determined gravimetrically (up to 30°C)	In-house-procedure based on BS EN 12880:2000	L019B	W	NONE
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight	In-house method based on British Standard Methods and MCERTS requirements.	L019B	D	NONE
Total organic carbon in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L023B	D	MCERTS
PCB's By GC-MS in soil	Determination of PCB by extraction with hexane followed by GC-MS	In-house method based on USEPA 8082	L027B	D	MCERTS
Total dissolved solids 10:1 WAC	Determination of total dissolved solids in water by electrometric measurement	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L031B	W	ISO 17025
Fluoride 10:1 WAC	Determination of fluoride in leachate by 1:1 ratio with a buffer solution followed by Ion Selective Electrode	In-house method based on Use of Total Ionic Strength Adjustment Buffer for Electrode Determination	L033B	W	ISO 17025
Dissolved organic carbon 10:1 WAC	Determination of dissolved organic carbon in leachate by TOC/DOC NDIR Analyser	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L037B	W	NONE
Metals in leachate by ICP-OES	Determination of metals in leachate by acidification followed by ICP-OES	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil	L039B	W	ISO 17025
One stage WAC 10:1 leachate preparation	One stage batch test at a liquid to solid ratio of 10 L/kg	BS EN 12457-2-2002	L043B	W	ISO 17025
Acid neutralisation capacity of soil	Determination of acid neutralisation capacity by addition of acid or alkali followed by electronic probe	In-house method based on Guidance on Sampling and Testing of Wastes to Meet Landfill Waste Acceptance	L046B	W	NONE
Loss on ignition of soil @ 450°C	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	In-house method	L047-PL	D	MCERTS
Speciated PAHs and/or Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds (including PAH) in soil by extraction in dichloromethane and hexane followed by GC-MS	In-house method based on USEPA 8270	L064B	D	MCERTS
BTEX and/or Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS	In-house method based on USEPA 8260	L073B	W	MCERTS
Total petroleum hydrocarbons by GC-FID in soil	Determination of total petroleum hydrocarbons in soil by GC-FID	In-house method	L076B	D	NONE
Monohydric phenols 10:1 WAC	Determination of phenols in leachate by distillation followed by colorimetry	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton	L080-PL	W	ISO 17025

Analytical Report Number : 26-020596
Project / Site name: 9 Taylors Lane Bury

Water matrix abbreviations:

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

Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Chloride 10:1 WAC	Determination of Chloride colorimetrically by discrete analyser	In-house based on MEWAM Method ISBN 0117516260	L082B	W	ISO 17025
Soil Descriptions	Textural classification	In-house method	L019B	W	NONE
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate (Walkley Black Method)	In-house method	L009B	D	MCERTS

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

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

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

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

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

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

The result for sum should be interpreted with caution

Analytical Report Number : 26-020596

Project / Site name: 9 Taylors Lane Bury

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

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

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
THC	N/A	L	894790	bc	One stage WAC 10:1 leachate preparation	L043B	b
THC	N/A	S	894790	bc	BTEX and/or Volatile organic compounds in soil	L073B	c
THC	N/A	S	894790	bc	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	c
THC	N/A	S	894790	bc	Total petroleum hydrocarbons by GC-FID in soil	L076B	c
THC	N/A	S	894790	bc	pH at 20°C in soil	L005B	c
THD	N/A	L	894791	bc	One stage WAC 10:1 leachate preparation	L043B	b
THD	N/A	S	894791	bc	BTEX and/or Volatile organic compounds in soil	L073B	c
THD	N/A	S	894791	bc	Speciated PAHs and/or Semi-volatile organic compounds in soil	L064B	c
THD	N/A	S	894791	bc	Total petroleum hydrocarbons by GC-FID in soil	L076B	c
THD	N/A	S	894791	bc	pH at 20°C in soil	L005B	c

Waste Classification Report

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

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



20EKR-OE61D-HN122

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

Report is invalid if pages are removed.

Job name

Land adjacent to 9 Taylor's Lane, Bury, BL2 6QS

Description/Comments

Project

Land adjacent to 9 Taylor's Lane, Bury, BL2 6QS

Site

Land adjacent to 9 Taylor's Lane, Bury, BL2 6QS

Classified by

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Date: **01 May 2026 13:54 GMT**
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HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

-

Course

Hazardous Waste Classification

Date

-

Purpose of classification

2 - Material Characterisation

Address of the waste

Land adjacent to 9 Taylor's Lane, Bury

Post Code BL2 6QS

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

Excavated soil.

Description of the waste

Excavated soil.

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	Core 1	0.10	Non Hazardous		3
2	Core 2	0.15	Non Hazardous		5
3	Core 3	0.15	Non Hazardous		7
4	THA	0.30	Non Hazardous		9
5	THB	0.20	Non Hazardous		12
6	THC	0.20	Hazardous	HP 7	15
7	THD	0.20	Non Hazardous		18
8	THE	0.05	Non Hazardous		21
9	THF	0.05	Non Hazardous		22
10	THG	0.10	Hazardous	HP 7	23

Related documents

#	Name	Description
1	Worms Eye v3	waste stream template used to create this Job

Report

Created by: David Lord

Created date: 01 May 2026 13:54 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	26
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Classification of sample: Core 1

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

Sample details

Sample name:	LoW Code:
Core 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.10 m	
Moisture content:	
18%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
2	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
3	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
4	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
5	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
6	confirm TPH has NOT arisen from diesel or petrol				☒					
			TPH_CONFIRM							
7	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
8	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
9	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
10	fluoranthene				0.07 mg/kg		0.07 mg/kg	0.000007 %		
		205-912-4	206-44-0							
11	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
12	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	phenanthrene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
		201-581-5	85-01-8							
14	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
Total:								0.00001 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection

Classification of sample: Core 2

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

Sample details

Sample name:	LoW Code:
Core 2	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m	
Moisture content:	
13%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
2	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
3	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
4	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
5	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
6	confirm TPH has NOT arisen from diesel or petrol				☒					
			TPH_CONFIRM							
7	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
8	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
9	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
10	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
11	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
12	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
13	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
14	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
15	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
17	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
18	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
19	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
20	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
22	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
Total:								0%		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection

Classification of sample: Core 3

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

Sample details

Sample name:	LoW Code:
Core 3	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m	
Moisture content:	
20%	
(no correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
2	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
3	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
4	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
5	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
6	confirm TPH has NOT arisen from diesel or petrol				☒					
			TPH_CONFIRM							
7	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
8	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
9	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
10	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
11	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
12	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
13	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
14	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
15	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used	
		EU CLP index number	EC Number	CAS Number										
16		dibenz[a,h]anthracene				<0.05 mg/kg			<0.05 mg/kg		<0.000005 %		<LOD	
		601-041-00-2	200-181-8	53-70-3										
17	●	fluoranthene				<0.05 mg/kg			<0.05 mg/kg		<0.000005 %		<LOD	
			205-912-4	206-44-0										
18	●	fluorene				<0.05 mg/kg			<0.05 mg/kg		<0.000005 %		<LOD	
			201-695-5	86-73-7										
19	●	indeno[123-cd]pyrene				<0.05 mg/kg			<0.05 mg/kg		<0.000005 %		<LOD	
			205-893-2	193-39-5										
20		naphthalene				0.65 mg/kg			0.65 mg/kg		0.000065 %			
		601-052-00-2	202-049-5	91-20-3										
21	●	phenanthrene				0.23 mg/kg			0.23 mg/kg		0.000023 %			
			201-581-5	85-01-8										
22	●	pyrene				<0.05 mg/kg			<0.05 mg/kg		<0.000005 %		<LOD	
			204-927-3	129-00-0										
Total:												0.00008 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection

Classification of sample: THA

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

Sample details

Sample name:	LoW Code:
THA	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				7.5 mg/kg	1.32	9.902 mg/kg	0.00099 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium sulfide }			1	0.4 mg/kg	1.285	0.514 mg/kg	0.00004 %			
	048-010-00-4	215-147-8	1306-23-6								
3	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	23.385 mg/kg	0.00234 %			
		215-160-9	1308-38-9								
4	chromium in Cr(VI) compounds { chromium(VI) oxide }				<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
5	copper { dicopper oxide; copper (I) oxide }				46 mg/kg	1.126	51.791 mg/kg	0.00518 %			
	029-002-00-X	215-270-7	1317-39-1								
6	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
7	lead { lead chromate }			1	9.3 mg/kg	1.56	14.506 mg/kg	0.00093 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel dihydroxide }				27 mg/kg	1.579	42.646 mg/kg	0.00426 %			
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
10	pH				6.8 pH		6.8 pH	6.8 pH			
			PH								
11	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
12	selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %			<LOD
	034-002-00-8										
13	zinc { zinc oxide }				42 mg/kg	1.245	52.278 mg/kg	0.00523 %			
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	601-020-00-8	200-753-7	71-43-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
19	confirm TPH has NOT arisen from diesel or petrol				☒					
			TPH_CONFIRM							
20	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
21	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
22	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
23	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
24	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
25	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
27	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
28	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
29	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
30	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
31	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
32	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
33	naphthalene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
	601-052-00-2	202-049-5	91-20-3							
34	phenanthrene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
		201-581-5	85-01-8							
35	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
36	asbestos				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.019 %		

Key

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

Classification of sample: THB

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

Sample details

Sample name:	LoW Code:
THB	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m	
Moisture content:	
26%	
(no correction)	

Hazard properties

None identified

Determinands

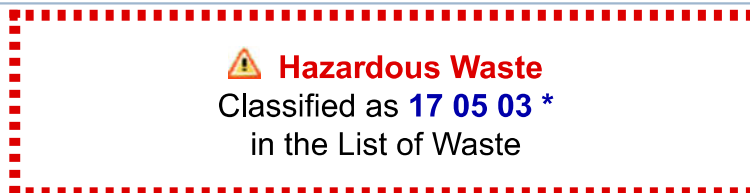
Moisture content: 26% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				11 mg/kg	1.32	14.524 mg/kg	0.00145 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium sulfide }			1	0.6 mg/kg	1.285	0.771 mg/kg	0.00006 %			
	048-010-00-4	215-147-8	1306-23-6								
3	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				23 mg/kg	1.462	33.616 mg/kg	0.00336 %			
		215-160-9	1308-38-9								
4	chromium in Cr(VI) compounds { chromium(VI) oxide }				<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
5	copper { dicopper oxide; copper (I) oxide }				34 mg/kg	1.126	38.28 mg/kg	0.00383 %			
	029-002-00-X	215-270-7	1317-39-1								
6	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
7	lead { lead chromate }			1	74 mg/kg	1.56	115.426 mg/kg	0.0074 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel dihydroxide }				13 mg/kg	1.579	20.533 mg/kg	0.00205 %			
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
10	pH		PH		6 pH		6 pH	6pH			
11	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
12	selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex }				1.2 mg/kg	1.405	1.686 mg/kg	0.000169 %			
	034-002-00-8										
13	zinc { zinc oxide }				280 mg/kg	1.245	348.52 mg/kg	0.0349 %			
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	601-020-00-8	200-753-7	71-43-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
19	confirm TPH has NOT arisen from diesel or petrol				☒					
			TPH_CONFIRM							
20	acenaphthene				0.86 mg/kg		0.86 mg/kg	0.000086 %		
		201-469-6	83-32-9							
21	acenaphthylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		205-917-1	208-96-8							
22	anthracene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
		204-371-1	120-12-7							
23	benzo[a]anthracene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-033-00-9	200-280-6	56-55-3							
24	benzo[a]pyrene; benzo[def]chrysene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-032-00-3	200-028-5	50-32-8							
25	benzo[b]fluoranthene				1.3 mg/kg		1.3 mg/kg	0.00013 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				0.49 mg/kg		0.49 mg/kg	0.000049 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[ghi]perylene				0.53 mg/kg		0.53 mg/kg	0.000053 %		
		205-883-8	191-24-2							
28	chrysene				1 mg/kg		1 mg/kg	0.0001 %		
	601-048-00-0	205-923-4	218-01-9							
29	dibenz[a,h]anthracene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
	601-041-00-2	200-181-8	53-70-3							
30	fluoranthene				2.3 mg/kg		2.3 mg/kg	0.00023 %		
		205-912-4	206-44-0							
31	fluorene				0.46 mg/kg		0.46 mg/kg	0.000046 %		
		201-695-5	86-73-7							
32	indeno[123-cd]pyrene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
		205-893-2	193-39-5							
33	naphthalene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
	601-052-00-2	202-049-5	91-20-3							
34	phenanthrene				2.4 mg/kg		2.4 mg/kg	0.00024 %		
		201-581-5	85-01-8							
35	pyrene				2.2 mg/kg		2.2 mg/kg	0.00022 %		
		204-927-3	129-00-0							
36	asbestos				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.0547 %		

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

Classification of sample: THC



Sample details

Sample name:	LoW Code:
THC	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.20 m	
Moisture content:	
24%	
(no correction)	

Hazard properties

HP 7: Carcinogenic "waste which may induce cancer or increase its incidence."

Hazard Statements hit:

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

Because of determinand:

asbestos (conc.: 0.281%)

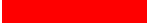
Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				18 mg/kg	1.32	23.766 mg/kg	0.00238 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium sulfide }			1	10 mg/kg	1.285	12.852 mg/kg	0.001 %			
	048-010-00-4	215-147-8	1306-23-6								
3	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				31 mg/kg	1.462	45.308 mg/kg	0.00453 %			
		215-160-9	1308-38-9								
4	chromium in Cr(VI) compounds { chromium(VI) oxide }				<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
5	copper { dicopper oxide; copper (I) oxide }				56 mg/kg	1.126	63.05 mg/kg	0.0063 %			
	029-002-00-X	215-270-7	1317-39-1								
6	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
7	lead { lead chromate }			1	110 mg/kg	1.56	171.58 mg/kg	0.011 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.3 mg/kg	1.353	0.406 mg/kg	0.0000406 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel dihydroxide }				25 mg/kg	1.579	39.487 mg/kg	0.00395 %			
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
10	pH		PH		6.5 pH		6.5 pH	6.5 pH			
11	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				1.3 mg/kg	1.405	1.827	mg/kg	0.000183 %		
	034-002-00-8										
13	zinc { zinc oxide }				300 mg/kg	1.245	373.414	mg/kg	0.0373 %		
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	TPH (C6 to C40) petroleum group				74 mg/kg		74	mg/kg	0.0074 %		
			TPH								
19	confirm TPH has NOT arisen from diesel or petrol				☒						
			TPH_CONFIRM								
20	acenaphthene				0.78 mg/kg		0.78	mg/kg	0.000078 %		
		201-469-6	83-32-9								
21	acenaphthylene				1.1 mg/kg		1.1	mg/kg	0.00011 %		
		205-917-1	208-96-8								
22	anthracene				1.9 mg/kg		1.9	mg/kg	0.00019 %		
		204-371-1	120-12-7								
23	benzo[a]anthracene				5 mg/kg		5	mg/kg	0.0005 %		
	601-033-00-9	200-280-6	56-55-3								
24	benzo[a]pyrene; benzo[def]chrysene				5.3 mg/kg		5.3	mg/kg	0.00053 %		
	601-032-00-3	200-028-5	50-32-8								
25	benzo[b]fluoranthene				7.4 mg/kg		7.4	mg/kg	0.00074 %		
	601-034-00-4	205-911-9	205-99-2								
26	benzo[k]fluoranthene				2 mg/kg		2	mg/kg	0.0002 %		
	601-036-00-5	205-916-6	207-08-9								
27	benzo[ghi]perylene				3 mg/kg		3	mg/kg	0.0003 %		
		205-883-8	191-24-2								
28	chrysene				4.9 mg/kg		4.9	mg/kg	0.00049 %		
	601-048-00-0	205-923-4	218-01-9								
29	dibenz[a,h]anthracene				0.6 mg/kg		0.6	mg/kg	0.00006 %		
	601-041-00-2	200-181-8	53-70-3								
30	fluoranthene				15 mg/kg		15	mg/kg	0.0015 %		
		205-912-4	206-44-0								
31	fluorene				1.2 mg/kg		1.2	mg/kg	0.00012 %		
		201-695-5	86-73-7								
32	indeno[123-cd]pyrene				2.9 mg/kg		2.9	mg/kg	0.00029 %		
		205-893-2	193-39-5								
33	naphthalene				0.18 mg/kg		0.18	mg/kg	0.000018 %		
	601-052-00-2	202-049-5	91-20-3								
34	phenanthrene				11 mg/kg		11	mg/kg	0.0011 %		
		201-581-5	85-01-8								
35	pyrene				13 mg/kg		13	mg/kg	0.0013 %		
		204-927-3	129-00-0								
36	asbestos				2810 mg/kg		2810	mg/kg	0.281 %		
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.363 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 200 mg/kg (0.02%) because: Very low level, no liquid present.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0074%)

Classification of sample: THD

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

Sample details

Sample name:	LoW Code:
THD	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.20 m	
Moisture content:	
21%	
(no correction)	

Hazard properties

None identified

Determinands

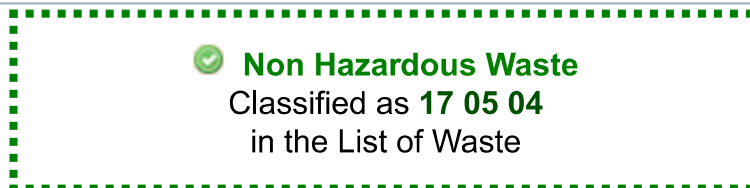
Moisture content: 21% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				36 mg/kg	1.32	47.532 mg/kg	0.00475 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium sulfide }			1	0.6 mg/kg	1.285	0.771 mg/kg	0.00006 %			
	048-010-00-4	215-147-8	1306-23-6								
3	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				30 mg/kg	1.462	43.847 mg/kg	0.00438 %			
		215-160-9	1308-38-9								
4	chromium in Cr(VI) compounds { chromium(VI) oxide }				<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
5	copper { dicopper oxide; copper (I) oxide }				67 mg/kg	1.126	75.435 mg/kg	0.00754 %			
	029-002-00-X	215-270-7	1317-39-1								
6	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
7	lead { lead chromate }			1	140 mg/kg	1.56	218.374 mg/kg	0.014 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel dihydroxide }				25 mg/kg	1.579	39.487 mg/kg	0.00395 %			
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
10	pH		PH		5.8 pH		5.8 pH	5.8 pH			
11	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
12	selenium { selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex }				2 mg/kg	1.405	2.81 mg/kg	0.000281 %			
	034-002-00-8										
13	zinc { zinc oxide }				130 mg/kg	1.245	161.813 mg/kg	0.0162 %			
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	601-020-00-8	200-753-7	71-43-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
19	confirm TPH has NOT arisen from diesel or petrol				☒					
			TPH_CONFIRM							
20	acenaphthene				0.18 mg/kg		0.18 mg/kg	0.000018 %		
		201-469-6	83-32-9							
21	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
22	anthracene				0.24 mg/kg		0.24 mg/kg	0.000024 %		
		204-371-1	120-12-7							
23	benzo[a]anthracene				0.76 mg/kg		0.76 mg/kg	0.000076 %		
	601-033-00-9	200-280-6	56-55-3							
24	benzo[a]pyrene; benzo[def]chrysene				0.7 mg/kg		0.7 mg/kg	0.00007 %		
	601-032-00-3	200-028-5	50-32-8							
25	benzo[b]fluoranthene				1 mg/kg		1 mg/kg	0.0001 %		
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[ghi]perylene				0.38 mg/kg		0.38 mg/kg	0.000038 %		
		205-883-8	191-24-2							
28	chrysene				0.78 mg/kg		0.78 mg/kg	0.000078 %		
	601-048-00-0	205-923-4	218-01-9							
29	dibenz[a,h]anthracene				0.09 mg/kg		0.09 mg/kg	0.000009 %		
	601-041-00-2	200-181-8	53-70-3							
30	fluoranthene				1.8 mg/kg		1.8 mg/kg	0.00018 %		
		205-912-4	206-44-0							
31	fluorene				0.11 mg/kg		0.11 mg/kg	0.000011 %		
		201-695-5	86-73-7							
32	indeno[123-cd]pyrene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
		205-893-2	193-39-5							
33	naphthalene				0.1 mg/kg		0.1 mg/kg	0.00001 %		
	601-052-00-2	202-049-5	91-20-3							
34	phenanthrene				1.3 mg/kg		1.3 mg/kg	0.00013 %		
		201-581-5	85-01-8							
35	pyrene				1.7 mg/kg		1.7 mg/kg	0.00017 %		
		204-927-3	129-00-0							
36	asbestos				110 mg/kg		110 mg/kg	0.011 %		
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.0631 %		

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

Classification of sample: THE



Sample details

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

Hazard properties

None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol		TPH_CONFIRM		☒					
2	asbestos		12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
Total:								0%		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection

Classification of sample: THF



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

Sample details

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

Hazard properties

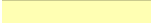
None identified

Determinands

Moisture content: None

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1		confirm TPH has NOT arisen from diesel or petrol								
			TPH_CONFIRM							
2	asbestos									
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
Total:								0%		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection

Classification of sample: THG

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

Sample details

Sample name:	LoW Code:
THG	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.10 m	
Moisture content:	
29%	
(no correction)	

Hazard properties

HP 7: Carcinogenic "waste which may induce cancer or increase its incidence."

Hazard Statements hit:

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

Because of determinand:

asbestos (conc.: 0.456%)

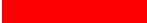
Determinands

Moisture content: 29% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				24 mg/kg	1.32	31.688 mg/kg	0.00317 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium sulfide }			1	0.5 mg/kg	1.285	0.643 mg/kg	0.00005 %			
	048-010-00-4	215-147-8	1306-23-6								
3	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				32 mg/kg	1.462	46.77 mg/kg	0.00468 %			
		215-160-9	1308-38-9								
4	chromium in Cr(VI) compounds { chromium(VI) oxide }				<1.8 mg/kg	1.923	<3.462 mg/kg	<0.000346 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
5	copper { dicopper oxide; copper (I) oxide }				63 mg/kg	1.126	70.931 mg/kg	0.00709 %			
	029-002-00-X	215-270-7	1317-39-1								
6	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 }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
7	lead { lead chromate }			1	150 mg/kg	1.56	233.972 mg/kg	0.015 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel dihydroxide }				22 mg/kg	1.579	34.749 mg/kg	0.00347 %			
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
10	pH		PH		6.8 pH		6.8 pH	6.8 pH			
11	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8										
13	zinc { zinc oxide }				240 mg/kg	1.245	298.731	mg/kg	0.0299 %		
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.005 mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	TPH (C6 to C40) petroleum group				28 mg/kg		28	mg/kg	0.0028 %		
			TPH								
19	confirm TPH has NOT arisen from diesel or petrol				☒						
			TPH_CONFIRM								
20	acenaphthene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
		201-469-6	83-32-9								
21	acenaphthylene				0.07 mg/kg		0.07	mg/kg	0.000007 %		
		205-917-1	208-96-8								
22	anthracene				0.27 mg/kg		0.27	mg/kg	0.000027 %		
		204-371-1	120-12-7								
23	benzo[a]anthracene				0.9 mg/kg		0.9	mg/kg	0.00009 %		
	601-033-00-9	200-280-6	56-55-3								
24	benzo[a]pyrene; benzo[def]chrysene				0.98 mg/kg		0.98	mg/kg	0.000098 %		
	601-032-00-3	200-028-5	50-32-8								
25	benzo[b]fluoranthene				1.2 mg/kg		1.2	mg/kg	0.00012 %		
	601-034-00-4	205-911-9	205-99-2								
26	benzo[k]fluoranthene				0.51 mg/kg		0.51	mg/kg	0.000051 %		
	601-036-00-5	205-916-6	207-08-9								
27	benzo[ghi]perylene				0.61 mg/kg		0.61	mg/kg	0.000061 %		
		205-883-8	191-24-2								
28	chrysene				1.1 mg/kg		1.1	mg/kg	0.00011 %		
	601-048-00-0	205-923-4	218-01-9								
29	dibenz[a,h]anthracene				0.18 mg/kg		0.18	mg/kg	0.000018 %		
	601-041-00-2	200-181-8	53-70-3								
30	fluoranthene				2.4 mg/kg		2.4	mg/kg	0.00024 %		
		205-912-4	206-44-0								
31	fluorene				0.1 mg/kg		0.1	mg/kg	0.00001 %		
		201-695-5	86-73-7								
32	indeno[123-cd]pyrene				0.56 mg/kg		0.56	mg/kg	0.000056 %		
		205-893-2	193-39-5								
33	naphthalene				0.08 mg/kg		0.08	mg/kg	0.000008 %		
	601-052-00-2	202-049-5	91-20-3								
34	phenanthrene				1.4 mg/kg		1.4	mg/kg	0.00014 %		
		201-581-5	85-01-8								
35	pyrene				2.2 mg/kg		2.2	mg/kg	0.00022 %		
		204-927-3	129-00-0								
36	asbestos				4560 mg/kg		4560	mg/kg	0.456 %		
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.523 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous Property to non-hazardous for cumulative determinand results below the concentration of: 200 mg/kg (0.02%) because: Very low level, no liquid present.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0028%)

Appendix A: Classifier defined and non GB MCL determinands

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

GB MCL index number: 601-023-00-4

Description/Comments:

Additional Hazard Statement(s): Carc. 2; H351

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

• **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

• **confirm TPH has NOT arisen from diesel or petrol** (CAS Number: TPH_CONFIRM)

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

• **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

• **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

• **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

• **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

• **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

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

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

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

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

• **pH** (CAS Number: PH)

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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

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

Worst case species

lead {lead chromate}

Worst case species based on hazard statements

mercury {mercury dichloride}

Worst case species based on hazard statements

nickel {nickel dihydroxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

zinc {zinc oxide}

Suspected

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**
HazWasteOnline Classification Engine Version: 2026.83.7020.12656 (25 Mar 2026)
HazWasteOnline Database: 2026.83.7020.12656 (25 Mar 2026)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020

GB MCL List - version 1.1 of 09 June 2021

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

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

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

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

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

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



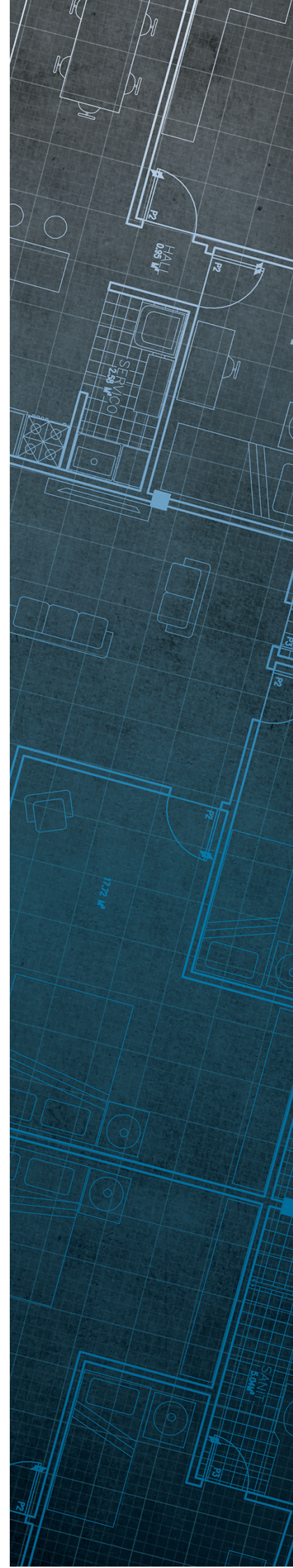
The Coal
Authority

Consultants Coal Mining Report

9 Taylors Lane
Radcliffe
Bury
BL2 6QS

Date of enquiry:	26 March 2026
Date enquiry received:	26 March 2026
Issue date:	26 March 2026

Our reference:	51003561007001
Your reference:	BL2 6QS Taylor's Lane



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

David Lord

Enquiry address

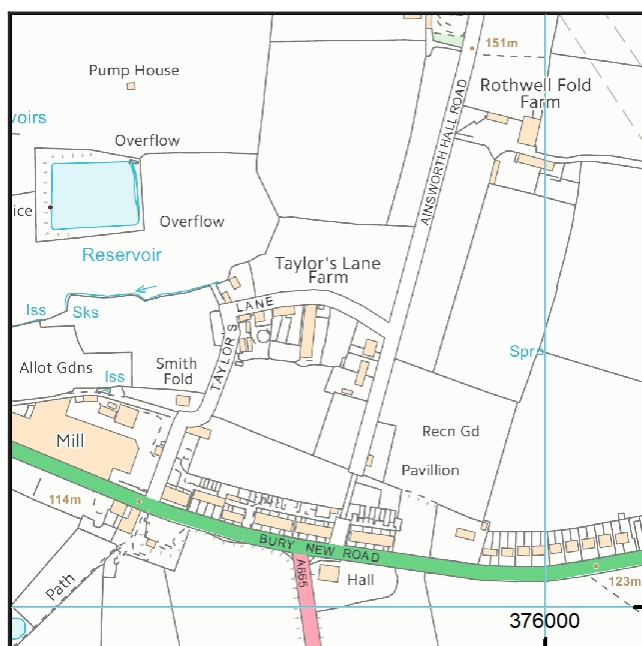
9 Taylors Lane
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How to contact us

0345 762 6848 (UK)
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200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

reports@miningremediation.gov.uk



Approximate position of property



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Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

16820		
-------	--	--

For assistance in identifying the specific abandoned mine plans relevant to your requirements, **please contact us at InformationManagers@MiningRemediation.gov.uk**.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Fault under or close to the property recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining

None recorded.

Coal mining licensing

None recorded within 200 metres of the enquiry boundary.

Court orders

None recorded.

Section 46 notices

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

Based on the responses in this report, no further information has been highlighted.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **email us at reports@miningremediation.gov.uk**.

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

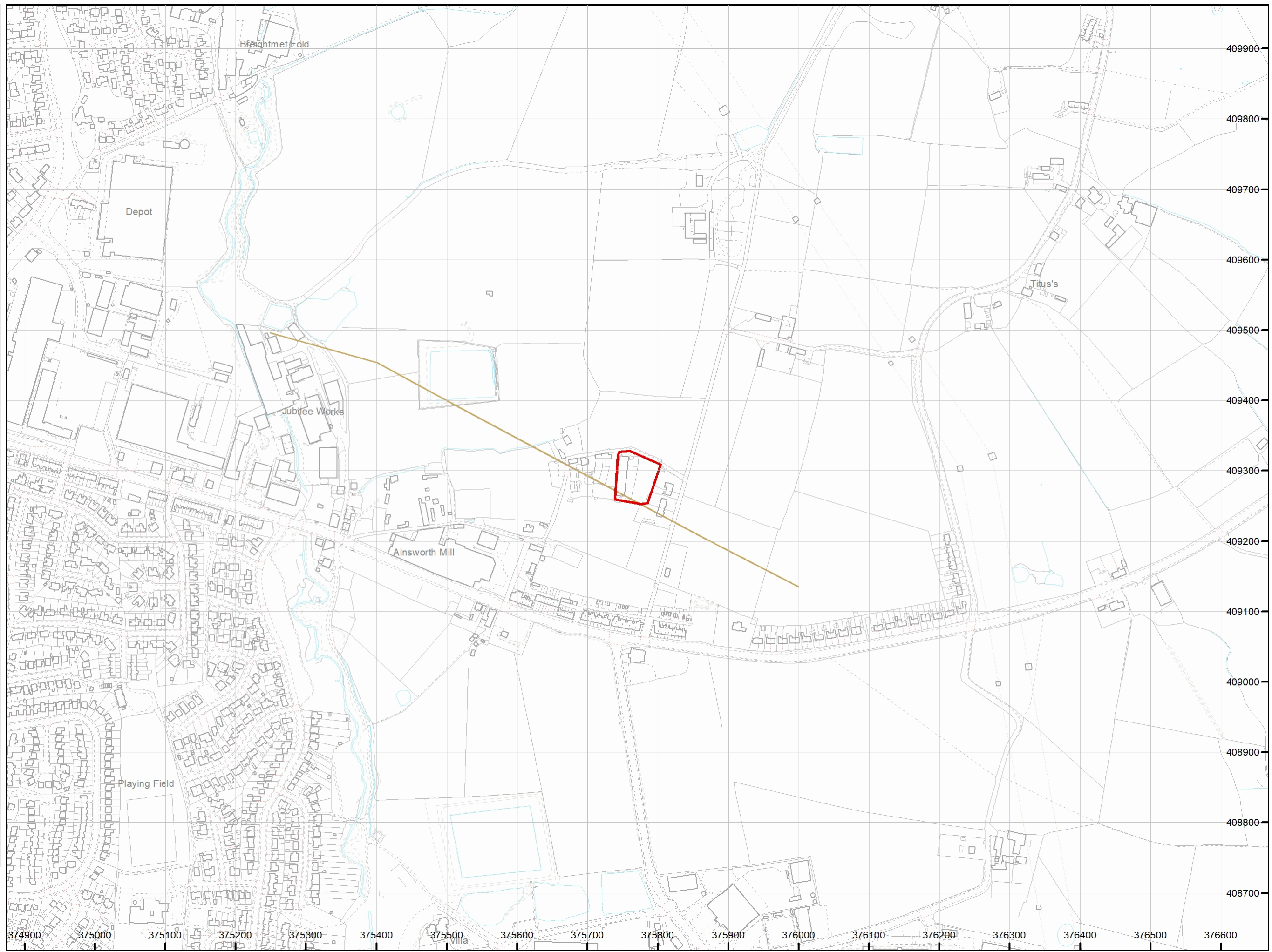
The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

Approximate position of the enquiry boundary shown 

Geological faults 

How to contact us
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reports@miningremediation.gov.uk



Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	SLIP	Landslide Deposit	Unknown/Unclassified Entry	Not Supplied - Quaternary

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	OL	Old Lawrence Rock	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Sandstone	Not Supplied - Westphalian
		Faults		
		Rock Segments		

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	GLDDD	Glaciolacustrine Deltaic Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFS2D	Glaciofluvial Sheet Deposits, 2, Devensian	Sand and Gravel	Not Supplied - Devensian
	GFDUD	Glaciofluvial Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PMCM	Pennine Middle Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	PMCM	Pennine Middle Coal Measures Formation	Sandstone	Not Supplied - Westphalian
	PR	Peel Hall Rock	Sandstone	Not Supplied - Westphalian
	CAR	Cannel Rock (South Lancashire)	Sandstone	Not Supplied - Westphalian
	PLCM	Pennine Lower Coal Measures Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Westphalian
	TRBR	Trencherbone Rock	Sandstone	Not Supplied - Westphalian

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Geology 1:50,000 Maps

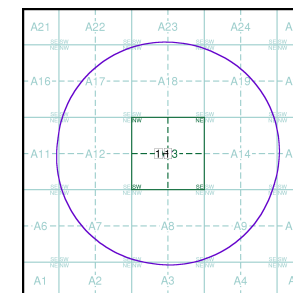
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID: 1
Map Sheet No: 085
Map Name: Manchester
Map Date: 2010
Bedrock Geology: Available
Superficial Geology: Not Available
Artificial Geology: Not Available
Faults: Not Supplied
Landslip: Not Available
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

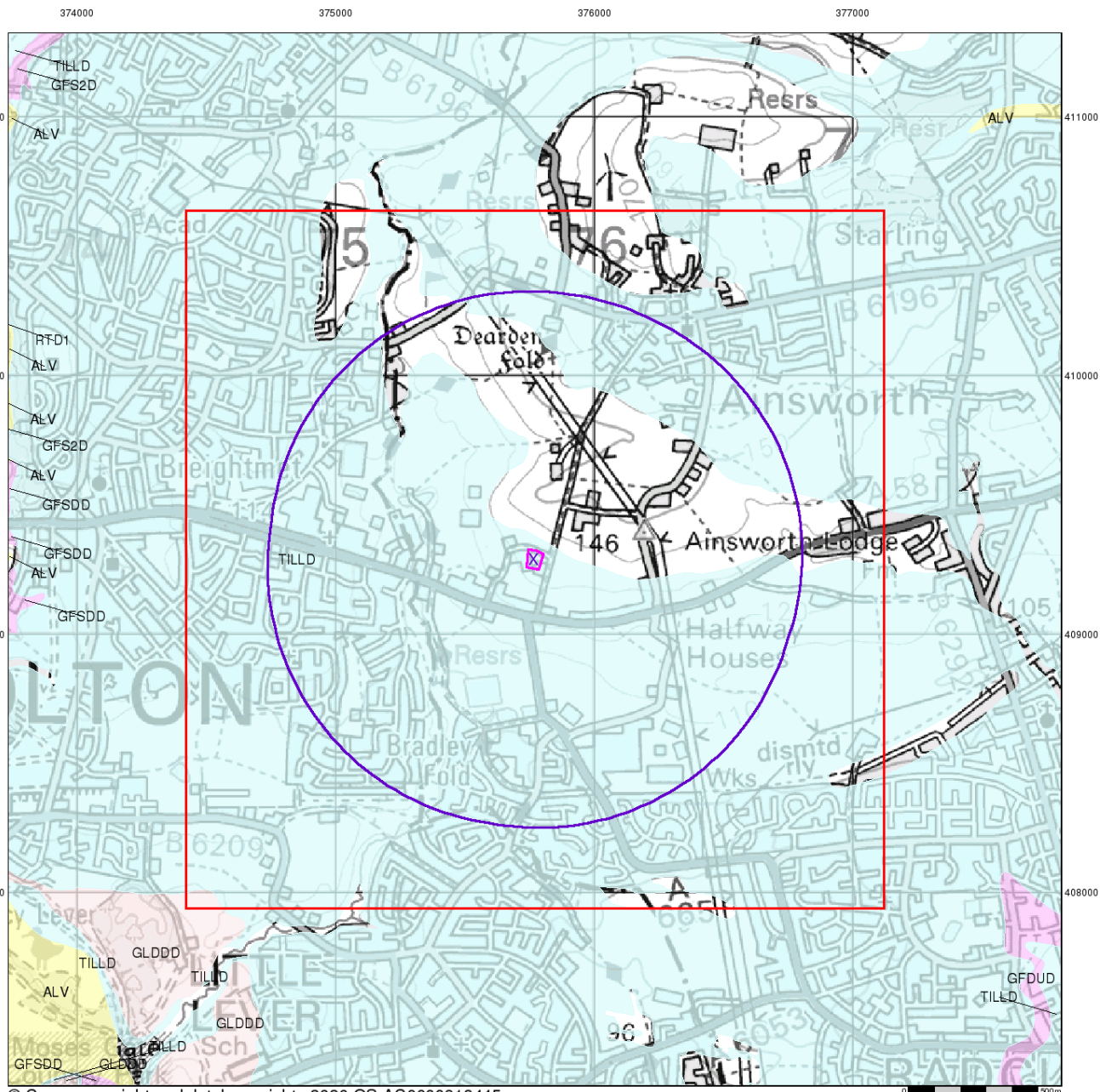
Order Number: 398946723_1_1
Customer Reference: BL2 6QS Taylor's Lane
National Grid Reference: 375770, 409290
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details:

Site at 375770, 409290

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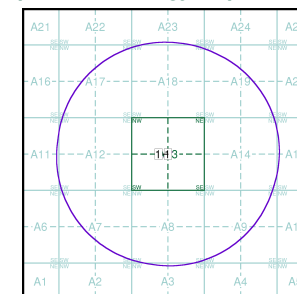
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

Order Number: 398946723_1_1
Customer Reference: BL2 6QS Taylor's Lane
National Grid Reference: 375770, 409290
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details:

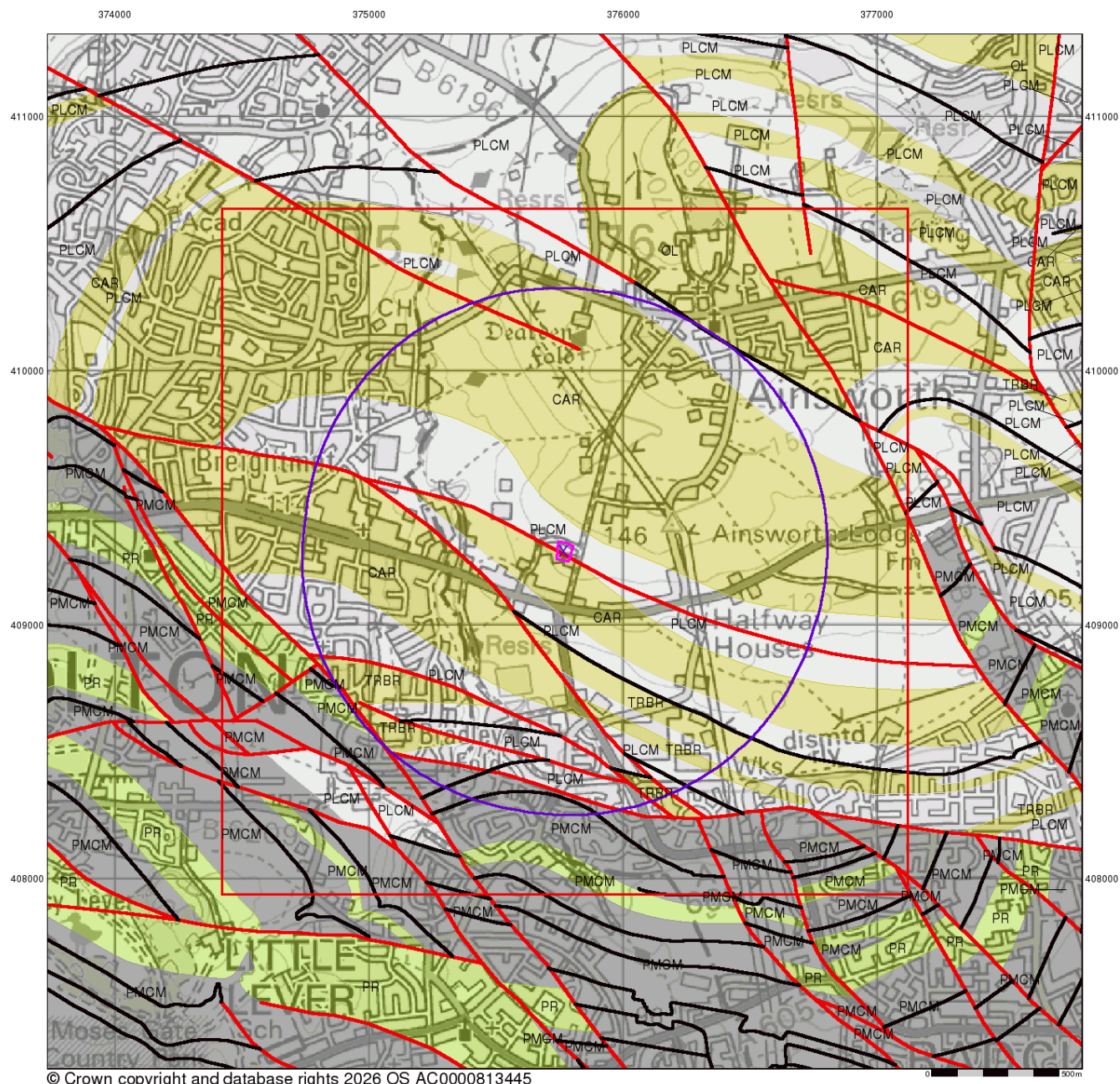
Site at 375770, 409290

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Bedrock and Faults

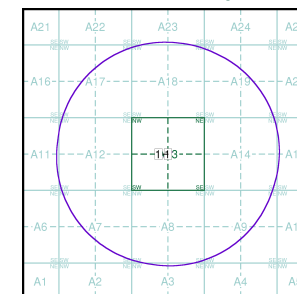
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



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