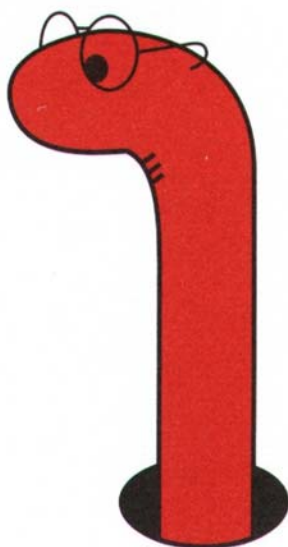


Electronic Report



WORMS EYE

**52 Bank Parade
Burnley
BB11 1TS
Phone
01282 414649 / 458410**

Our Ref: Nell Lane/M21 7UH/2019
Date: 6 January 2020

David Whiteley
Whiteley Eaves Ltd.
Hollinwood Business Centre
Albert Road
Oldham
OL8 3QL

Email: david@whiteleyeaves.co.uk

PROPOSED APARTMENTS
NELL LANE/BROOKSTONE CLOSE, MANCHESTER, M21 7UH
INTRUSIVE REPORT

INTRODUCTION

A residential development is proposed. Following a PRA (12/2/19) instructions were to carry out boreholes, tests and gas testing to investigate geotechnical, contamination and landfill gas issues.

SITE DESCRIPTION

The site, a roughly 'T' shaped plot, about 42 by 46 metres, is located to the northeast of Nell Lane in Manchester and at OS Grid Reference 382811, 392862. The site comprises a grassed plot of land, with a small tarmac road coming in at the northeast, leading to two parking spaces in the northwest.

This is a mostly residential area, with houses to the northwest, northeast and southeast, and a cemetery to the southwest. The area is generally level.

PROPOSED DEVELOPMENT

It is proposed to build a block of twelve apartments. There will be communal landscaped areas at the southeast and northwest sides of the apartment block. The northeast of the site will be a car park.

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PRELIMINARY RISK ASSESSMENT

Worms Eye carried out a PRA dated (12/2/19) the salient points were:

Contamination

The site was originally part of a farm, with a section of farm buildings on the west corner. Being so close to the farm buildings, there is potential for contaminants to be present from, building materials, storage, use of materials/equipment and from spills. These are not, however, usually found to be present at high levels, but low levels may be present, exceeding stringent residential thresholds.

The site is currently an access road and path are not expected to be a source of contaminants.

The proposed development will be apartments with associated parking and communal gardens. Potential pollutant linkages are considered to be:

- Direct contact with soil.
- Ingestion of soil.
- Inhalation and ingestion of dust.
- Sulphate attack on buried concrete.
- Contaminants entering drinking water pipes.

Bearing in mind anticipated contamination levels, and the nature of the development, a low risk to householders is anticipated.

An intrusive investigation is required, consisting of boreholes/trial holes and tests to confirm the presence/absence and extent of contamination on the site. The former farm building to the west is a specific point sources for contamination and the investigation will need to target this, proposed gardens (most sensitive part of the development), proposed building and provide all round coverage.

Controlled Waters

There is an underlying principal aquifer beneath glacial sand and gravel.

There are no nearby water courses, abstraction points, or source protection zones.

Although the gardens will allow rainwater to pass through the surface soils and migrate towards the aquifer, contamination is not expected at high levels, and it is anticipated there will be only a low risk to controlled waters and no further action is considered necessary at this stage. This may need to be reviewed following the soil tests.

PRA Re-Cap Continued

Landfill Gas/Ground Gas

The site is within 250 metres of a historical landfill site and several areas of filled ground, including a nearby cemetery. These are potential sources of landfill and ground gases, which could migrate to and present a risk to the development.

Bearing in mind the age of the filled areas and distance from the site, it is considered that there is likely to be a low risk to the development. A gas testing programme is required.

Radon

Radon protection measures are not required.

Foundations

The geology map suggests the site is underlain by glacial sand and gravel. This can provide variable conditions for foundations and a range of options may need to be considered, including reinforced concrete raft to a piled foundation.

The historical maps show a well in 1907 (not seen since) on the northwest boundary. It should be 10 metres from the new house, and should be in the garden. A well collapse could occur and be a risk to construction workers and future householders. A watching brief should be kept in that area.

Industry Profile

The site was formerly part of a farm.

Industry	Possible Contaminants
Potential Contaminants	Metals: e.g. cadmium, chromium, copper, lead, zinc. Inorganic compounds: e.g. cyanide, sulphates. Pesticides: organo-phosphates Fuel oil/diesel (TPHs) Asbestos PAHs

PRA Re-Cap Continued

Pollutant Linkages

The potential pollutant linkages revealed by the PRA as requiring further investigation were:

Source	Receptors	Pathway	Potential/Likely Pollutant Linkage
Asbestos	Construction workers	Inhalation	Possibly
	End-users	Inhalation	Possibly
	Off-site	Migration off-site	Unlikely
Inorganic contaminants	Construction workers	Short-term direct contact, inhalation of dust, ingestion	Yes
	Householders	Direct contact, ingestion, ingestion and inhalation of dust	Possibly
	Groundwater	Leaching towards	Unlikely
	River/stream	Leaching towards	No
Sulphate	Building fabric	Concrete directly in contact with soil	Yes
Hydrocarbons	Construction workers	Short-term direct contact, inhalation of dust, ingestion	Yes
	Householders	Direct contact, ingestion, ingestion and inhalation of dust	Yes
	Service pipes	Seeping into drinking water pipes	Yes
	Groundwater	Migrating towards	Unlikely
	River/stream	Migrating towards	No
Hydrocarbon vapours	Construction workers	Short-term inhalation	No
	Householders	Inhalation of vapours indoors and outdoors	No
Landfill gas	End-users - in buildings	Seeping into buildings, explosion, asphyxiation	Yes
Radon	End-users - in buildings	Seeping into buildings	No

End of PRA Re-Cap

GROUND INVESTIGATIONS

A series of seven boreholes, four dynamic probes and three trial holes were carried out. Details are given on the location plan, borehole logs, trial hole logs and dynamic probe logs enclosed with this report.

Trial holes

Trial holes A, B and C were located towards the northeast, southeast and north respectively. These were excavated to 1.0 metre to collect samples for testing and showed topsoil to 0.2 metres overlying made ground (sand, soil, gravel and brick).

Boreholes

Boreholes 1 – 7 were drilled in the area of the proposed apartments.

Over the majority of the site, excluding BH1 at the west corner, conditions comprised made ground (sand, gravel, brick) to about 1.2 metres, overlying sand and gravel. Clay was typically seen below about 4.5 metres deep, to the base of the boreholes at 5.0 metres.

In BH1 there was made ground (clay, sand, brick, gravel, cinders, wood) to 5.4 metres overlying clay, continuing to the base of the borehole at 6.0 metres deep.

The following approximates to a section looking northeast.

Findings	BH1/PrA (m)	BH2/PrB (m)	BH5 (m)	BH3/PrC (m)	BH6 (m)	BH7 (m)	BH4/PrD (m)
Topsoil/Made Ground	0.0 – 5.4	0.0 – 1.2	0.0 – 1.2	0.0 – 1.1	0.0 – 0.8	0.0 – 1.2	0.0 – 0.9
Sand and Gravel	-	1.2 – 4.0+	1.2 – 5.0+ (band of clay 3.6 – 4.0)	1.1 – 4.4	0.8 – 5.0+	1.2 – 3.7	0.9 – 4.6
Clay	5.4 – 6.0+	-	-	4.4 – 5.0+		3.7 – 4.0+	4.6 – 5.0+
Probe strength (very high)	7.0 – 8.3+	6.0 – 7.2+	-	6.8 – 7.7+	-	-	6.6 – 7.8+
Water	2.6	2.6	3.3	3.2	3.4	3.1	3.3

CONTAMINATION TESTING

Eleven samples (eight shallow and three deeper) were tested for a range of contaminants indicated by the PRA. The results are included in table form with this report. Abbreviations and acronyms for chemical compounds are given after the appendix list.

The maximum contamination values have been compared with residential C4Ls and soil guideline values provided by CLEA. Where these are not available, values are 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 Comparison Table included with this report.

Asbestos

Chrysotile asbestos fibres were detected in THB and BH2 at 0.2 metres deep. Quantification tests indicate this to be <0.001% asbestos.

Inorganics (metals etc.)

Levels of inorganic contaminants were low and below residential thresholds.

Sulphate

Water soluble sulphate levels were low and below the BRE action level for buried concrete.

Hydrocarbons

Tests for phenols and TPHs show low levels, below residential thresholds.

Tests for PAHs show a raised level of dibenzo(ah)anthracene (DbA) in BH6 at 0.3 metres deep, exceeding the residential threshold.

Drinking Water Pipes

Comparing test results against trigger levels for drinking water pipes shows levels of contaminants are below the threshold.

GAS TESTING

Gas Monitors

Boreholes 1, 2, 3 and 4 were converted to gas monitors as follow:

	BH1 (m)	BH2 (m)	BH3 (m)	BH4 (m)
Plain pipe	0.0 – 1.0	0.0 – 1.0	0.0 – 1.0	0.0 – 1.0
Base of slotted pipe	3.6	3.1	3.1	3.2
Response zone	1.0 – 3.6	1.0 – 3.1	1.0 – 3.1	1.0 – 3.2

Gas Test Results

To date sixteen gas tests have been carried out on four occasions. Worst-case values are:

Gas	Site Value	Limit of detection
Methane %	0.0	0.1
Oxygen %	9.7	0.1
Carbon dioxide %	7.6	0.1
Flow rate l/hr	0.0	0.1

Assessing Risks - CIRIA

The method recommended in CIRIA Report **C665 (2007)** "Assessing risks posed by hazardous ground gases to building, Table 8.7", is used to classify the site. These range from a Characteristic Situation 1 (negligible gas) through to 6 (very high gas).

The gas screening values (GSV) are calculated from the worst-case values as follows:

	Site Value	Characteristic Situation 1		Characteristic Situation 2	
		Threshold	Pass/Fail	Threshold	Pass/Fail
Outflow (l/hr)	<0.1	-	-	70	P
Methane - Total (%)	<0.1	1	P	-	P
Methane GSV (l/hr)	<0.001	0.07	P	0.7	P
CO ₂ -Total (%)	7.6	5	F	-	P
CO ₂ GSV (l/hr)	<0.0076	0.07	P	0.7	P

Gas screening value = gas concentration (%) multiplied by outflow (l/hr)

These conditions currently classify the site Situation 2, based on maximum carbon dioxide levels.

DISCUSSION

Contamination

Test results show low levels of asbestos fibres (<0.001%) to be present in the made ground from THB and BH2 at 0.2 metres. The risk to householders arises from direct contact with the surface soils. However, the area of THB and BH2 is predominantly a car park with a very narrow landscape strip along the northeast of the building. It is considered that the findings suggest the risk is confined to the small strip. Where the contaminated soils will be below areas of permanent hard surfacing (e.g. buildings, car park and hard-surfaced paths) it is considered there will be no risk to householders.

Supplementary tests for asbestos, at the junction of the northwest communal landscape and car park, would be beneficial to confirm no spread of asbestos fibres into the communal landscape area.

Regarding PAHs, DbA slightly exceeds the threshold in BH6 at 0.3 metres. Levels elsewhere were very low and, overall, show an average of 0.16 mg/kg across the site, below the residential threshold (0.32 mg/kg). Bearing in mind the proposal is apartments with communal landscaping, it is considered the DbA in BH6 does not pose a risk to householders and no further action is required.

Water Soluble Sulphate levels are low and sulphate resistant concrete is not required.

Levels of volatile hydrocarbons are low and there is no risk from hydrocarbon vapours.

The tests results suggest, subject to approval, the site is suitable for normal PE water pipes.

Controlled Waters

Regarding risks to controlled waters:

- The site is underlain by a Principal aquifer.
- There are no nearby water courses.
- The levels of contaminants are generally low and not excessive.
- There are no nearby source protection zones or abstraction points.

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.

Landfill Gas/Ground Gas

The tests currently show slightly raised carbon dioxide, with no gas outflow and no methane. These suggest a gas situation 2, based on maximum carbon dioxide levels. Testing continues and this may change, and worsen, as further tests are carried out.

Foundations

Six of the seven boreholes showed similar conditions with about 1 metre of made ground over medium strength sand. Once the water table was struck (2.5 – 3.3m deep) the sand became softer, firming again with depth. Probes were very high strength at about 8 metres, this probably being rock. In complete contrast borehole 1 (& probe A) showed low strength made ground to 5.4 metres deep.

Reviewing the desk study information indicates an old, filled, well in the general area of BH1 on the 1907 map. As groundwater level was about 3 metres deep a 5.4 metre deep well would be sensible. This would suggest an isolated feature which would either not impinge on the building or could be locally dealt with by a cover slab, or special local foundation.

Over most of the site there is medium strength made ground at about 1.2 metres which would be suitable for strip footings with a bearing capacity of 150 kN/m². However, at BH1 at the west corner, showed it is thought that this is an old filled well and if so would be a localised feature which would either be clear of the building or could be dealt with by a cover slab or similar. This corner of the building requires careful investigation.

An alternative would be a piled foundation. The very high strength strata seen below about 8.0 metres deep should provide a good bearing strata for piles, which can be designed using the 'N' values on the probe logs.

Sewer

The UU sewer plans show a foul sewer running southeast to northwest through the site. An agreement to build over would be required or alternatively a sewer diversion. See enclosed plan.

CONCEPTUAL MODEL

Source	Receptors	Pathway	Complete Pollutant Linkage
Asbestos (THB-0.2m and BH2 – 0.2m)	Construction workers	Inhalation	Yes
	End-users	Inhalation	Yes
	Off-site	Migration off-site	Possible
Inorganic contaminants (low)	Construction workers	Short-term direct contact, inhalation of dust, ingestion	No
	Householders	Direct contact, ingestion, ingestion and inhalation of dust	No
	Groundwater	Leaching towards	No
	River/stream	Leaching towards	No
Sulphate (low)	Building fabric	Concrete directly in contact with soil	No
Hydrocarbons (slightly raised DbA, generally low)	Construction workers	Short-term direct contact, inhalation of dust, ingestion	No
	Householders	Direct contact, ingestion, ingestion and inhalation of dust	No
	Service pipes	Seeping into drinking water pipes	No
	Groundwater	Migrating towards	No
	River/stream	Migrating towards	No
Hydrocarbon vapours (low)	Construction workers	Short-term inhalation	No
	Householders	Inhalation of vapours indoors and outdoors	No
Landfill gas	End-users - in buildings	Seeping into buildings, explosion, asphyxiation	Wait further tests
Radon	End-users - in buildings	Seeping into buildings	No

BREAKING PATHWAYS

Construction Workers

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 fibres were also seen in THB and BH2, posing a risk to construction works, and potentially neighbouring properties. Appropriate precautions will be required when working in that area which may include, but not necessarily be limited to:

- Appropriate face masks and PPE.
- Sheeting the northeast and northwest boundary.
- Damping down excavations.
- Minimising time excavations are exposed.
- Not stockpiling excavated soils.

Risk assessment and method statements will be required, and the use of a specialist may be beneficial.

Garden/Landscaped Areas

Contamination by asbestos was found to be present in made ground from THB and BH2. This is predominantly in an area of car park where there will be no risk to householders, and it is considered only the very narrow strip along the northeast of the building requires remedial works.

Bearing in mind the proximity of the buildings, and enabling works, shallow soils in this area are likely to be removed from site. The following is suggested:

- Excavate trial holes at the junction of the northwest communal landscape and car park, and test 3 shallow samples for asbestos.
- Review extent of remedial works.
- Ensure enabling works excavate made ground to 0.6 metres deep from landscape strip at the northwest, along the northeast side of the building.
- Backfill excavation with imported soils as follows, bottom up:
 - 0.45 metres sub-soil.
 - 0.15 metre topsoil.

Landfill/Ground Gases

Gas monitoring currently shows slightly raised carbon dioxide levels. The completed gas monitoring will be discussed in a supplementary report and, whilst this is completed, it is recommended that the following measures are allowed for the level of risk:

- Ventilation of confined spaces within building.
- A well-constructed ground slab/suspended floor with sub-floor venting.
- A low-permeability gas membrane (see membranes below).
- Minimum penetration of ground slab by services.
- Also gas precautions should continue across the cavity.

Membranes

The following membrane (or equivalent) is suggested:

- Visqueen gas barrier (blue with foil layer - resists methane, carbon dioxide and radon), or ?

Each membrane should be used with the appropriate matching cavity tray (or cavity membrane), DPC and service duct 'top hat'. Joints to be lapped and sealed.

Validation of gas membrane will require:

- Details of who carried out installation.
- Details of who carried out verification and inspection regime.
- Details of non-conformances and how they were rectified (if any).
- A signed statement confirming that the gas protection measures were installed as agreed, the membrane was free from tears and punctures, lapped and sealed as agreed at joints around services. This to be included in the Verification Report.

Imported Soils

All soils (e.g. topsoil, bulk fill hardcore) and similar materials imported on-site to be proved to be uncontaminated. Imported material will require testing as follows:

- Greenfield soils – minimum of 3 tests or 1 test 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 (speciated), boron, cyanide, thiocyanate, sulphide, sulphur, sulphate, pH, Som.
- Brownfield/screened/manufactured soils – minimum of 3 tests or 1 test per 50m³ (whichever is greater). Testing to include arsenic, cadmium, chromium (total), chromium VI, copper, mercury, nickel, lead, selenium, zinc, PAH (16 USEPA speciation) asbestos, TPHs (speciated), boron, cyanide, thiocyanate, sulphide, sulphur, sulphate, pH, SOM.

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.
- Contamination test results for tests on imported soils.
- Photographs to confirm thickness of imported soil types.
- Document (receipt, delivery notes) to show soil types and sources.
- Independent inspection of gas membrane and report.
- Documented site inspection, including photographs.

This report is usually a collaboration between the contractor, who will collect the above documentation and Worms Eye, who can assist in preparing the Validation Report.

DISPOSAL OF EXCAVATED SOIL

Test results have been compared with hazardous waste thresholds and a Hazwaste report is enclosed. This suggests that excavated soil from BH1 would be classed as hazardous waste based on TPH levels.

Excavated soils from that area, and areas where asbestos fibres have been detected, could be removed straight from site for disposal, which would save the need for segregating/stockpiling excavated soils.

Disposal of soil is now a complex matter and the analysis should be submitted to the receiving site for confirmation of its status.

OPINION

Contaminated Soils

Test results show asbestos fibres to be present in the made ground from THB and BH2, on the north of the site. It is considered that there is no risk beneath the car park and buildings, with only the narrow landscape strip on the northeast side at risk. Enabling works will likely remove contaminated soils, but the following are suggested:

- Carry out 3 supplementary tests for asbestos at the junction of the northwest communal landscaping and car park, to ensure no spread of asbestos.
- Ensure enabling works remove 0.6 metres of soil from the small landscape strip at the northeast.

Sulphate resistant concrete is not required.

There are no risks from hydrocarbon vapours.

Subject to approval the site is suitable for the use of normal PE water pipes.

Controlled Waters

It is considered that the findings show no risk to controlled waters and no further action is required.

Gas Testing

Testing is in the early stages and shows a gas situation 2, based on carbon dioxide levels.

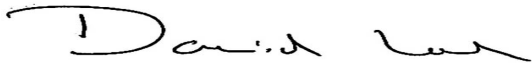
Testing continues and the results will be forwarded in a supplementary report. This may show a change in the current situation, and may worsen as further tests are carried out.

Foundations

Medium strength made ground at about 1.2 metres would be suitable for strip footings with a bearing capacity of 150 kN/m². However, BH1 at the west corner is thought to be an old filled well. Likely a localised feature which would either be clear of the building or could be dealt with by a cover slab or similar. This corner of the building requires careful investigation.

An alternative would be a piled foundation, piling to very high strength strata seen below about 8.0 metres deep.

Yours faithfully
on behalf of Worms Eye Ltd

A handwritten signature in black ink, appearing to read 'David Lord', with a stylized flourish at the end.

David Lord
BSc (Hons)
FGS, MIEEnvSc, AIEMA

PROPOSED APARTMENTS
NELL LANE/BROOKSTONE CLOSE, MANCHESTER, M21 7UH
List of Appendices – Intrusive Report

List of Acronyms

Existing site plan - showing borehole, trial hole and probe locations

Proposed site plan - showing borehole, trial hole and probe locations

Proposed Site Plan

Historical overlay plan showing possible well

United Utilities Sewer Plan

Borehole Logs

Dynamic Probe Logs

Trial Hole Logs

Contamination Test Results - Soil

Contamination Comparison Table - Soil

Landfill Gas Tests

Hazwaste Report

Proposed Plan – Showing Supplementary Test Locations/Remedial Works

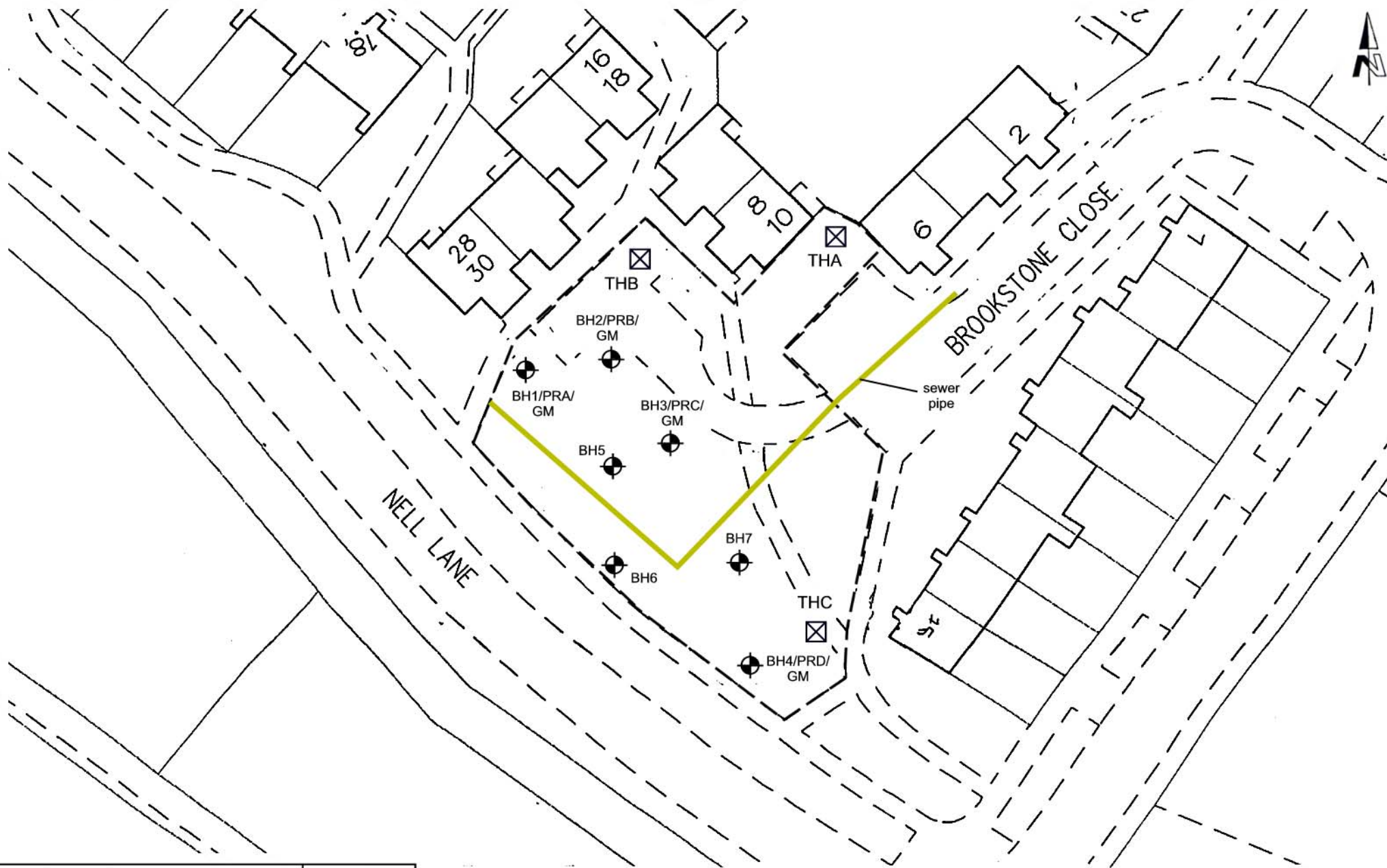
CONTAMINATION TEST UNITS

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
	DAHA	Dibenzo(ah)anthracene
	MTBE	Methyl tertiaryt-butyl ether (additive to petrol)
	EPH	Extractable petroleum hydrocarbons (formerly diesel range organics – DRO)
	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
	SVOC	Semi-volatile organic compounds
	TCE	Trichloroethylene
	TPH	Total petroleum hydrocarbons
	VOC	Volatile organic compounds
<u>Other</u>	AGS	Association of Geotechnical Specialists
	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

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.



Nell Lane, Manchester M21 7UH
Site Investigation Plan 1: 500

● Borehole ☒ Trialhole

WORMS EYE Ltd
52, Bank Parade
Burnley BB11 1TS
Tel: 01282 414 649



Schedule of Accommodation

Description	Area	Total
2B3P (Apartment)	61m ²	12

Car parking : 14No.



scale 1:500 0 25m

Rev:	Date:	By:	Remarks:

Client:
Southway Housing

Project:
Southway Infill Sites

Scale: 1:500@A3
Date: Dec 18

Description:
Proposed Site Plan:
Nell Lane

Drawn: HR
Checked:

Project/Drawing No.
18-021/SK14

Rev.

Borehole Trialhole



LANDSCAPE KEY

-  Tarmac
-  Tarmac Red Chippings
-  Public Grass
-  Private Grass
-  Medium Height Shrubs
-  New Tree
-  Existing Tree Retained
-  Existing Tree Removed
-  Bin Location
-  Buff Paving (450x450 Paving)

BOUNDARY TREATMENT KEY

-  2100mm High Concrete Post & Panel Fence (inc. 300mm Trellis)
-  1800mm High black metal railings
-  1800mm High Concrete Post & Panel Fence
-  1500mm High Concrete Post & Panel Fence
-  1500mm High black metal railings
-  450mm High Brick Wall with 450mm High Black Metal Railings
-  900mm High Black Metal Railings

SCHEDULE OF ACCOMMODATION

Type	Area	Total
Housetype G- 2B3P	61m ²	12

Car parking : 19No.
(Existing parking 9 spaces. Increase of 10 spaces)

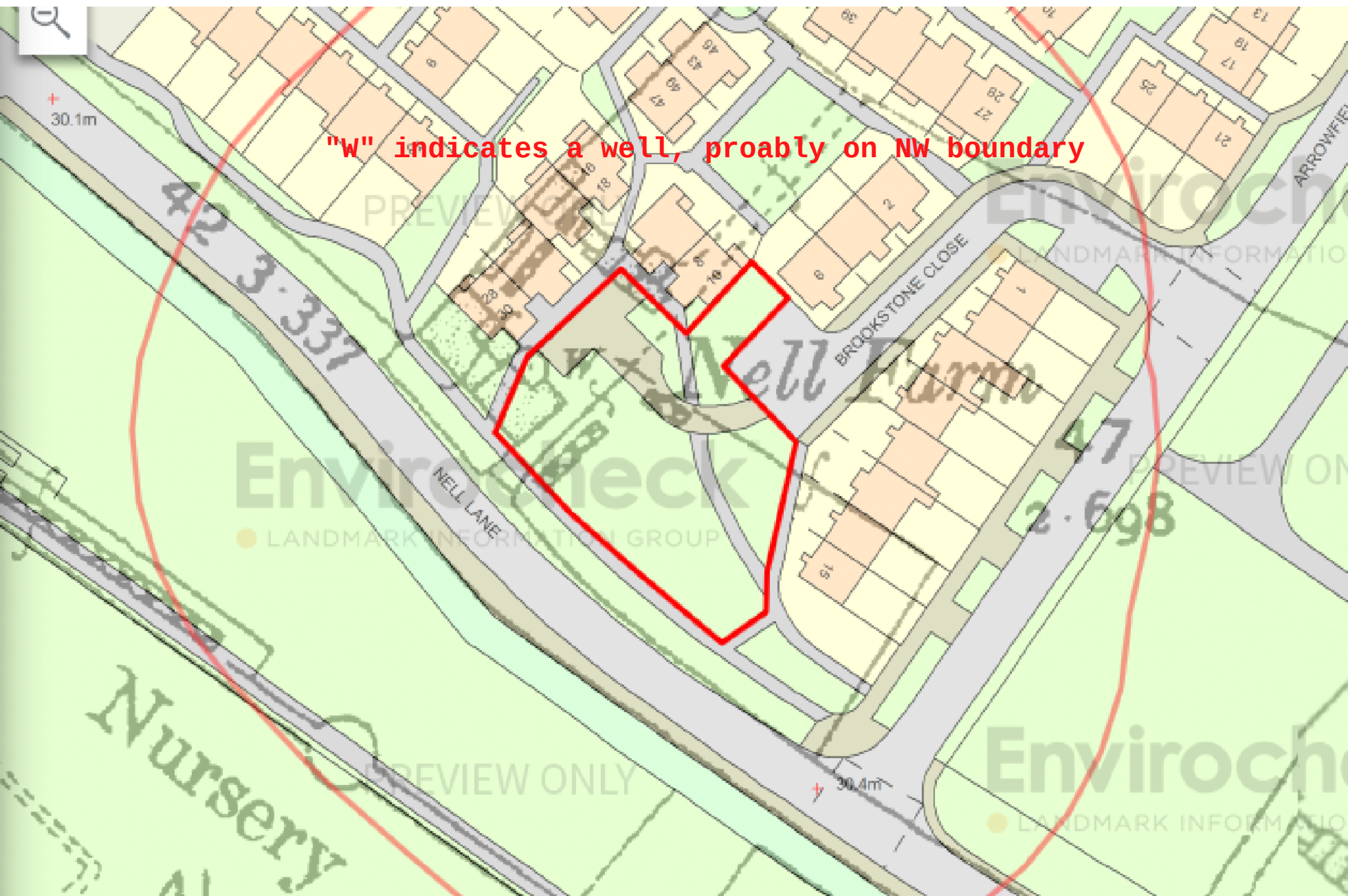
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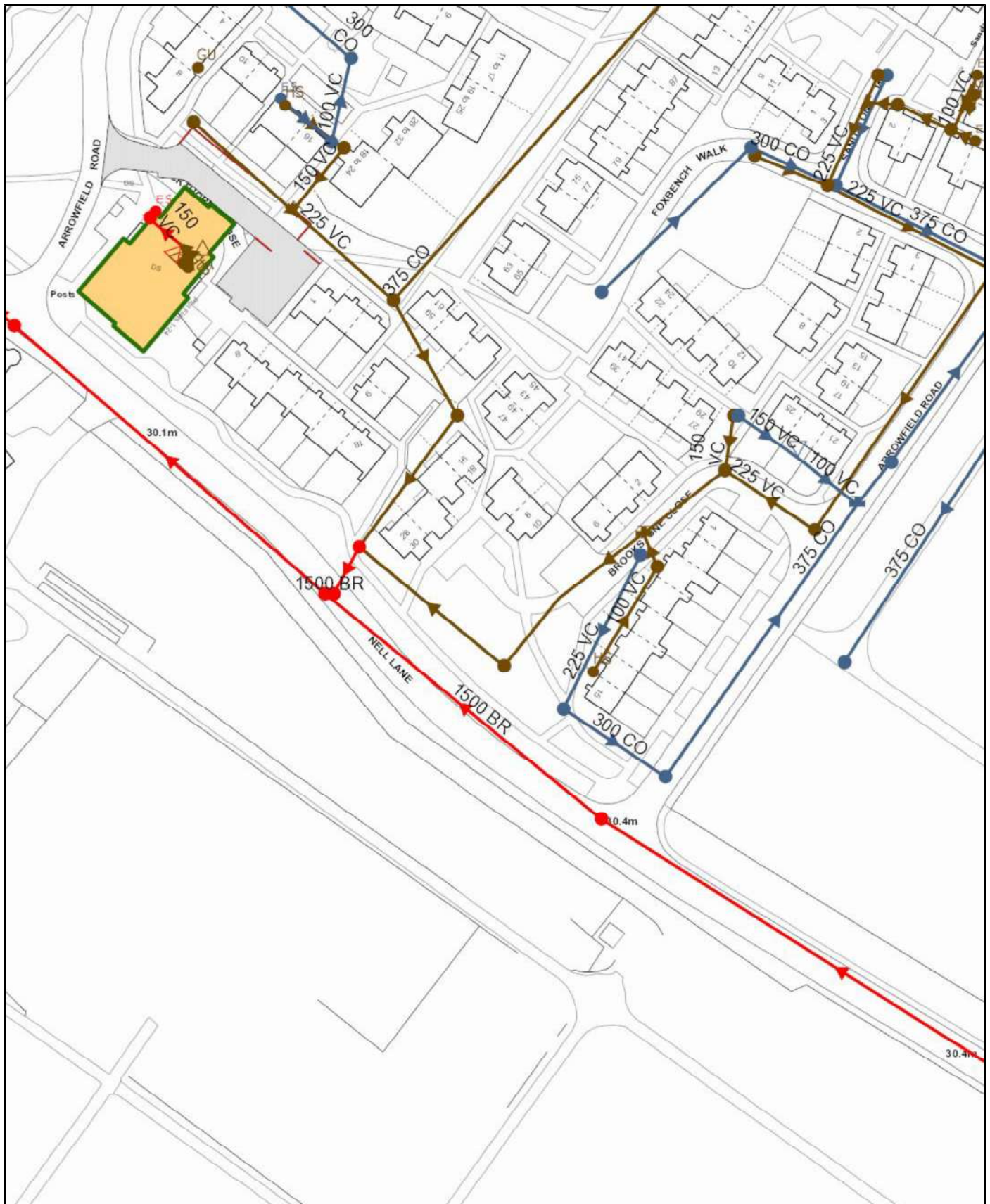
scale 1:250 0 10m



Rev:	Date:	By:	Remarks:	Client:	Project:	Scale:	Description:
A	23.07.19	CG	Proposal updated to reflect comments received on 16.07.19 at design freeze meeting	Southway Housing	Southway Infill Sites	1:250@A3	Proposed Site Plan Nell Lane
B	08.08.19	CG	Boundary amended to CIS comments			Date: JUN 19	
				Triangle Architects, Raven House, 113 Fairfield Street, Manchester, M12 6EL Tel: 0161 272 3500 studio@trianglearchitects.co.uk www.trianglearchitects.co.uk www.twitter.com/TriangleArch		Drawn: HR	Project/Drawing No. 18-021/ 1.02
						Checked:	Rev. B

"w" indicates a well, proably on NW boundary





Scale: 1:1250
Date: 24/01/2019

SEWER RECORDS

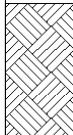
Address or Site Reference: 8 BROOKSTONE CLOSE, MANCHESTER, M21 7UH

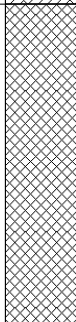
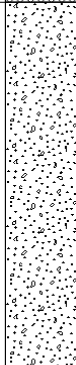
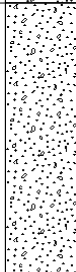
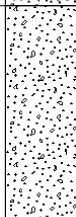
Printed by: Property Searches

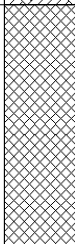
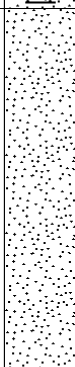
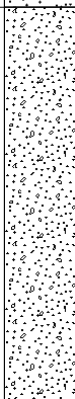
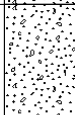
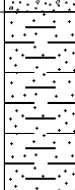


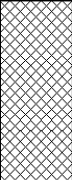
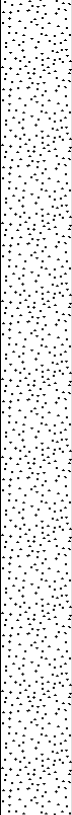
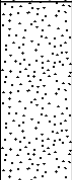
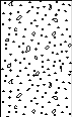
The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

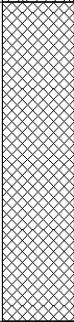
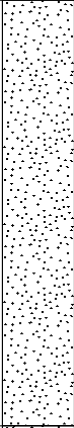
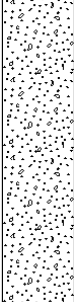
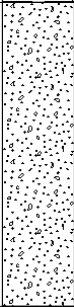
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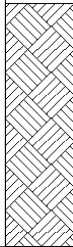
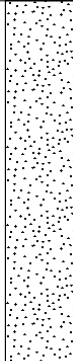
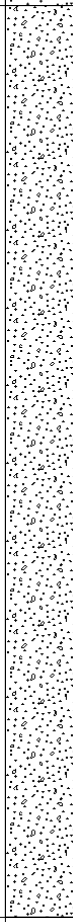
WORMS EYE GEOTECHNICAL			Cannon House, 52 Bank Parade Burnley, Lancashire, BB11 1TS			Site Nell Lane, Manchester		Borehole Number BH1	
Excavation Method Drive-in Window Sampler		Dimensions		Ground Level (mOD)		Client		Job Number M217UH	
		Location Northwest corner		Dates 14/11/2019- 18/11/2019		Engineer HH		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
			Water strike(1) at 2.60m.			Brown TOPSOIL with sand, gravel and brick			V1
					(0.70)	Brown clayey sand, gravel and brick (MADE GROUND)			
					0.70				
					(1.30)				
					2.00	Dark brown sand, gravel, cinders, brick and wood pieces (MADE GROUND)			
					(1.00)				
					3.00	Dark brown sand, gravel, cinders and brick (MADE GROUND)			
					(2.40)				
					5.40	Firm brown (medium strength) sandy CLAY			
					(0.60)				
6.00	Complete at 6.00m								
Remarks Borehole wet at 2.6m, see Probe A. Gas monitor fitted to 3.6m								Scale (approx)	Logged By
								1:40	HH/JSH
								Figure No. M217UH.BH1	

WORMS EYE GEOTECHNICAL				Cannon House, 52 Bank Parade Burnley, Lancashire, BB11 1TS			Site Nell Lane, Manchester		Borehole Number BH2		
Excavation Method Drive-in Window Sampler		Dimensions		Ground Level (mOD)		Client			Job Number M217UH		
		Location Towards centre, north		Dates 14/11/2019- 18/11/2019		Engineer HH			Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description			Legend	Water	
			Water strike(1) at 2.60m.			Brown TOPSOIL					
					(0.15) 0.15	Brown sand, gravel and brick (MADE GROUND)					
						(1.05)					
						1.20	Brown (medium strength) SAND and GRAVEL				
						(1.20)					
						2.40	Brown (low strength) SAND and GRAVEL				
						(0.90)					
						3.30	Brown (medium strength) SAND and GRAVEL				
						(0.70)					
						4.00	Complete at 4.00m				
Remarks Borehole wet at 2.6m, see Probe B. Gas monitor fitted to 3.1m								Scale (approx) 1:25		Logged By HH/JSH	
								Figure No. M217UH.BH2			

WORMS EYE GEOTECHNICAL		Cannon House, 52 Bank Parade Burnley, Lancashire, BB11 1TS			Site Nell Lane, Manchester		Borehole Number BH3		
Excavation Method Drive-in Window Sampler		Dimensions		Ground Level (mOD)		Client		Job Number M217UH	
		Location Centre of site		Dates 14/11/2019- 18/11/2019		Engineer HH		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
			Water strike(1) at 3.20m.			Brown TOPSOIL			▽1
					(0.30)				
					0.30	Brown sand, gravel and brick (MADE GROUND)			
					(0.80)				
					1.10	Brown (medium strength) clayey SAND			
					(0.40)				
					1.50	Brown (medium strength) SAND with occasional gravel			
					(1.20)				
					2.70	Brown (low strength) SAND and GRAVEL			
					(1.30)				
					4.00	Brown (medium strength) SAND and GRAVEL			
					(0.40)				
					4.40	Firm brown (medium strength) sandy CLAY			
					(0.60)				
					5.00				
Remarks Borehole wet at 3.2m, see Probe C. Gas monitor fitted to 3.1m							Scale (approx) 1:25	Logged By HH/JSH	
							Figure No. M217UH.BH3		

WORMS EYE GEOTECHNICAL				Cannon House, 52 Bank Parade Burnley, Lancashire, BB11 1TS		Site Nell Lane, Manchester		Borehole Number BH4	
Excavation Method Drive-in Window Sampler		Dimensions		Ground Level (mOD)		Client		Job Number M217UH	
		Location South corner		Dates 14/11/2019- 18/11/2019		Engineer HH		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
						Brown TOPSOIL			
						Dark brown sand, soil, brick and concrete rubble (MADE GROUND)			
						Brown (medium strength) SAND			
			Water strike(1) at 3.30m.						
						Brown (low strength) SAND			
						Brown (medium strength) SAND and GRAVEL			
						Firm brown (medium strength) sandy CLAY			
			PEN 65kN/m2 Complete at 5.0m						
Remarks Borehole wet at 3.3m, see Probe D. Gas monitor fitted to 3.2m								Scale (approx)	Logged By
								1:25	HH/JSH
								Figure No. M217UH.BH4	

WORMS EYE GEOTECHNICAL		Cannon House, 52 Bank Parade Burnley, Lancashire, BB11 1TS				Site Nell Lane, Manchester		Borehole Number BH5	
Excavation Method Drive-in Window Sampler		Dimensions		Ground Level (mOD)		Client		Job Number M217UH	
		Location Towards centre		Dates 14/11/2019- 18/11/2019		Engineer HH		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
					(0.15) 0.15	Brown TOPSOIL			
						Dark brown sand, brick and gravel (MADE GROUND)			
					(1.05) 1.20	Brown SAND			
					(1.40) 2.60	Brown SAND and GRAVEL			
			Water strike(1) at 3.30m.		(1.00) 3.60	Firm brown (medium strength) sandy CLAY			
			PEN 60kN/m2		(0.40) 4.00	Brown SAND and GRAVEL			
					(1.00) 5.00				
Remarks Borehole wet at 3.3m							Scale (approx)	Logged By	
							1:25	HH/JSH	
							Figure No. M217UH.BH5		

WORMS EYE GEOTECHNICAL		Cannon House, 52 Bank Parade Burnley, Lancashire, BB11 1TS				Site Nell Lane, Manchester		Borehole Number BH6	
Excavation Method Drive-in Window Sampler		Dimensions		Ground Level (mOD)		Client		Job Number M217UH	
		Location Centre west		Dates 14/11/2019- 18/11/2019		Engineer HH		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend	Water
			Water strike(1) at 3.40m.			Brown TOPSOIL with sand, brick and gravel			
					(0.80)				
					0.80	Brown SAND and occasional gravel			
					(1.20)				
					2.00	Brown SAND and GRAVEL			
					(3.00)				
			Complete at 5.0m		5.00				
Remarks Borehole wet at 3.4m								Scale (approx)	Logged By
								1:25	HH/JSH
								Figure No. M217UH.BH6	

WORMS EYE GEOTECHNICAL

Cannon House, 52 Bank Parade
Burnley, Lancashire, BB11 1TS

Site
Nell Lane, Manchester

**Borehole
Number**
BH7

Excavation Method
Drive-in Window Sampler

Dimensions

Ground Level (mOD)

Client

Job Number
M217UH

Location	Towards centre, south
-----------------	-----------------------

Dates
14/11/2019-
18/11/2019

Engineer
HH

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Brown TOPSOIL with brick and concrete rubble (membrane at 0.8m)		
					(0.80)			
					0.80	Dark brown soily sand (MADE GROUND)		
					(0.40)			
					1.20	Brown SAND		
					(1.20)			
					2.40	Brown SAND and GRAVEL		
					(1.30)			
			Water strike(1) at 3.10m.					
					3.70	Firm brown (medium strength) sandy CLAY		
			PEN 60kN/m2		(0.30)			
					4.00	Complete at 4.00m		

Remarks Borehole wet at 3.1m
--

Scale (approx)	Logged By
1:25	HH/JSH

Figure No.
M217UH.BH7

WORMS EYE LTD
DYNAMIC PROBE LOG

Site: Nell Lane, Manchester. M21 7UH

Probe: PRA

Location: Northwest corner, by BH1

Date: 15th November 2019

Method: 63.5KG Weight with 750mm drop.

JSH

Depth (m)	Blows/ 100mm	Blows/ 300mm (N value)	Diagram	Strength
0	1 1 2 3	4	0 5 10 15 20 25 30 35 40 * * ** ***	low (made ground)
0.5	4	17	**** *****	
	10 11 18 15	44	***** ***** ***** *****	high (made ground)
1	15	34	***** *****	
	12 7 3	11	***** *** **** ****	
1.5	4		****	
	3 1 2 2	6	* ** **	
2	4	8	** **** **	
	2 2 1 2 1	5	** * ** *	low (made ground)
2.5		6	** ***	
	2 3 2 4 5	11	** **** *****	
3			****	
	4 2 2 2	8	** ** **	
3.5	1	4	*	
	1 1 1 2	4	* * * **	
3.9				

Continued

Dynamic Probe Log Continued

Probe: PRA

Site: Nell Lane, Manchester. M21 7UH

Depth (m)	Blows/ 100mm	Blows/ 300mm (N value)	Diagram	Strength
			0 5 10 15 20 25 30 35 40	
3.9	-----			
4	2		**	
	2	5	**	
	1		*	
	2		**	
4.5	2	7	**	
	3		***	
	4		****	
	1	6	*	
	1		*	
5	2		**	
	2	6	**	
			**	
	2		**	
	2		**	
5.5	4	10	****	(clay)
	4		****	
	4		****	
	7	17	*****	
	6		*****	
	7		*****	
6	7	22	*****	
	8		*****	
	9		*****	
	9	24	*****	
	6		*****	
6.5	6		*****	
	11	29	*****	
	12		*****	
	12		*****	
	14	42	*****	
	16		*****	
7	16		*****	
	17	51	*****	
	18		*****	
	19		*****	
7.5	21	63	*****	
	23		*****	
	24		*****	
	24	73	*****	
	25		*****	
	25		*****	
8	26	79	*****	
8.1	28		*****	

Continued

Dynamic Probe Log Continued

Probe: PRA

Site: Nell Lane, Manchester. M21 7UH

<u>Depth</u> <u>(m)</u>	<u>Blows/</u> <u>100mm</u>	<u>Blows/</u> <u>300mm</u> <u>(N value)</u>	<u>Diagram</u>	<u>Strength</u>
8.1	----- 29 32 50	111	0 5 10 15 20 25 30 35 40 ***** ***** *****	very high

WORMS EYE LTD
DYNAMIC PROBE LOG

Site: Nell Lane, Manchester. M21 7UH

Probe: PRB

Location: Towards centre. north, by BH2

Date: 15th November 2019

Method: 63.5KG Weight with 750mm drop.

JSH

Depth (m)	Blows/ 100mm	Blows/ 300mm (N value)	Diagram	Strength
0	1 1 11	13	0 5 10 15 20 25 30 35 40 * * *****	
0.5	1 1	3	* * *	very low
1	1 3 5 4 5	12	*** ***** **** *****	(made ground)
1.5	3 4 3 2 3	12 8	*** **** *** ** ***	
2	3 3 4 3 4	10 11	*** *** **** *** ****	medium
2.5	4 4 3 4 3	11	**** *** **** ***	
3	2 1 0 1 0	6 1	** * *	water at 2.6m low/very low
3.5	2 1 2 3 2	5 9	** * ** *** **	
3.9	4 3 5 4	12	**** *** ***** ****	medium
Continued				

Dynamic Probe Log Continued

Probe: PRB

Site: Nell Lane, Manchester. M21 7UH

Depth (m)	Blows/ 100mm	Blows/ 300mm (N value)	Diagram	Strength
			0 5 10 15 20 25 30 35 40	
3.9	-----			
4	5		*****	
	6	17	*****	
	6		*****	
	7		*****	
	7	22	*****	
4.5	8		*****	
	8		*****	
	8	25	*****	
	8		*****	
	9		*****	
	10		*****	
5	10	30	*****	high
	10		*****	
	10		*****	
	11	33	*****	
	12		*****	
5.5	12		*****	
	14	40	*****	
	14		*****	
	14		*****	
	15	44	*****	
6	15		*****	
	17		*****	
	18	55	*****	
	20		*****	
	20		*****	
6.5	21	63	*****	
	22		*****	
	24		*****	
	20	71	*****	very high
	27		*****	
7	28		*****	
	30	108	*****	
	50		*****	

WORMS EYE LTD
DYNAMIC PROBE LOG

Site: Nell Lane, Manchester. M21 7UH

Probe: PRC

Location: Centre of site, by BH3

Date: 15th November 2019

Method: 63.5KG Weight with 750mm drop.

JSH

Depth (m)	Blows/ 100mm	Blows/ 300mm (N value)	Diagram	Strength
0	0		0 5 10 15 20 25 30 35 40	
	1	1	*	very low
	0			
	4		****	
0.5	30	66	***** *****	
	32		*****	
	4		****	
	4	11	****	(made ground)
	3		***	
1	1		*	
	1	4	*	
	2		**	
	5		*****	
1.5	5	16	*****	low/medium
	6		*****	
	7		*****	
	4	17	****	
	6		*****	
	6		*****	
2	6	18	*****	
	6		*****	
	5		*****	
	4	13	****	
2.5	4		****	
	5		*****	
	3	11	***	
	3		***	
	1		*	
3	1	3	*	
	1		*	
	1		*	water at 3.2m
	2		**	
3.5	1	4	*	very low/low
	1		*	
	2		**	
	3	7	***	
3.9	2		**	

Continued

Dynamic Probe Log Continued

Probe: PRC

Site: Nell Lane, Manchester. M21 7UH

Depth (m)	Blows/ 100mm	Blows/ 300mm (N value)	Diagram	Strength
			0 5 10 15 20 25 30 35 40	
3.9	-----			
4	4		****	
	4	12	****	medium
	4		****	
	5		*****	
4.5	5	16	*****	
	6		*****	
	6		*****	
	6	19	*****	
	7		*****	
	8		*****	
5	9	27	*****	
	10		*****	
	10		*****	
	11	33	*****	high
5.5	12		*****	
	12		*****	
	12	37	*****	
	13		*****	
	12		*****	
6	14	40	*****	
	14		*****	
	15		*****	
	16	47	*****	
	16		*****	
6.5	18		*****	
	20	58	*****	
	20		*****	
	20		*****	
	22	66	*****	
	24		*****	
7	26		*****	very high
	24	76	*****	
	26		*****	
	28		*****	
7.5	29	86	*****	
	29		*****	
	33		*****	
	50	83	*****	

WORMS EYE LTD
DYNAMIC PROBE LOG

Site: Nell Lane, Manchester. M21 7UH

Probe: PRD

Location: South corner, by BH4

Date: 15th November 2019

Method: 63.5KG Weight with 750mm drop.

JSH

Depth (m)	Blows/ 100mm	Blows/ 300mm (N value)	Diagram	Strength
0	0		0 5 10 15 20 25 30 35 40	
	1	1	*	
	0			very low/low
0.5	0			
	1	3	*	
	2		**	(made ground)
	2		**	
	2	7	**	
	3		***	
1	1		*	
	2	5	**	low
	2		**	
	2		**	
1.5	4	10	****	
	4		****	
	5		*****	
	6	17	*****	
	6		*****	
2	5		*****	
	6	16	*****	
	5		*****	medium
	5		*****	
	5	16	*****	
2.5	6		*****	
	4		****	
	3	10	***	
	3		***	
	4		****	
3	4	12	****	
	4		****	
	4	14	****	
	6		*****	water at 3.3m
	6		*****	
3.5	3	11	***	
	2		**	
	1		*	
3.9	1	4	*	low
	2		**	

Continued

Dynamic Probe Log Continued

Probe: PRD

Site: Nell Lane, Manchester. M21 7UH

Depth (m)	Blows/ 100mm	Blows/ 300mm (N value)	Diagram	Strength
			0 5 10 15 20 25 30 35 40	
3.9	-----			
4	1		*	
	2	6	**	low
	3		***	
	3		***	
4.5	4	11	****	
	4		****	
	4		****	
	4	13	****	medium
	4		****	
	5		*****	
5	6	18	*****	
	6		*****	
	6		*****	
	6	22	*****	
5.5	8		*****	
	8		*****	
	9		*****	
	11	31	*****	
	11		*****	
	12		*****	
6	12	36	*****	high
	12		*****	
	13		*****	
	14	41	*****	
	14		*****	
6.5	15		*****	
	15	46	*****	
	16		*****	
	17		*****	
	18	53	*****	
7	18		*****	
	19		*****	
	20	61	*****	
	22		*****	
	24		*****	
7.5	26	78	*****	very high
	28		*****	
	32		*****	
	36	106	*****	
	38		*****	

NELL LANE, MANCHESTER. M21 7UH

Trial Holes – 18th November 2019

Trial Hole A

Depth (m)	Findings
0.0 – 0.2	Brown TOPSOIL
0.2 – 1.0	Brown sand, soil, gravel and brick fragments (MADE GROUND)

Trial Hole B

Depth (m)	Findings
0.0 – 0.2	Brown TOPSOIL
0.2 – 1.0	Brown sand, soil, gravel and brick (MADE GROUND)

Trial Hole C

Depth (m)	Findings
0.0 – 0.2	Brown TOPSOIL
0.2 – 1.0	Brown sand, soil and gravel (MADE GROUND)



Amended Report

Report No.:	19-40160-2		
Initial Date of Issue:	19-Dec-2019	Date of Re-Issue:	30-Dec-2019
Client	Worms Eye Ltd		
Client Address:	52 Bank Parade Burnley Lancashire BB11 1TS		
Contact(s):	Stuart Hartley David Lord		
Project	Nell Lane, Manchester		
Quotation No.:	Q19-18671	Date Received:	28-Nov-2019
Order No.:		Date Instructed:	29-Nov-2019
No. of Samples:	11		
Turnaround (Wkdays):	20	Results Due:	03-Jan-2020
Date Approved:	30-Dec-2019		
Approved By:			
Details:	Glynn Harvey, Laboratory Manager		

Results - Soil

Client: Worms Eye Ltd	Chemtest Job No.:		19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:		935324	935325	935326	935327	935328	935329	935330	935331		
	Client Sample ID.:		THA	THB	THC	BH1	BH2	BH3	BH6	BH7		
	Sample Location:		TH	TH	TH	BH	BH	BH	BH	BH		
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL		
	Top Depth (m):		0.3	0.2	0.3	0.2	0.2	0.1	0.3	0.3		
	Date Sampled:		04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019		
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY		
Determinand	Accred.	SOP	Units	LOD								
ACM Type	U	2192		N/A	-	Fibres/Clumps	-	-	Fibres/Clumps	-	-	-
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected	Chrysotile	No Asbestos Detected	No Asbestos Detected	Chrysotile	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	Stereo Microscopy	-	-	Stereo Microscopy	-	-	-
Asbestos by Gravimetry	U	2192	%	0.001		<0.001			<0.001			
Total Asbestos	N	2192	%	0.001		<0.001			<0.001			
Moisture	N	2030	%	0.020	9.2	13	12	12	13	12	11	10
Soil Colour	N	2040		N/A	Brown,	Brown,	Brown,	Brown,	Brown,	Brown,	Brown,	Brown,
Other Material	N	2040		N/A	Stones,	Stones,	Stones,	Stones,	Stones,	Stones,	Stones,	Stones,
Soil Texture	N	2040		N/A	Loam,	Loam,	Loam,	Loam,	Loam,	Clay,	Loam, ,	Loam,
pH	M	2010		4.0	8.1	8.0	8.3	8.2	8.6	8.3	7.6	8.0
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0								
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.024	0.026	0.024	0.034	0.079	0.15	0.026	0.011
Redox Potential	N	2150	mV	N/A								
Sulphur (Elemental)	M	2180	mg/kg	1.0	5.3	3.5	3.6	56	380	13	10	3.1
Cyanide (Free)	M	2300	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Thiocyanate	M	2300	mg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphate (Total)	M	2430	mg/kg	100	350	610	210	400	620	890	650	310
Arsenic	M	2450	mg/kg	1.0	11	8.4	9.1	9.3	9.1	17	14	7.1
Cadmium	M	2450	mg/kg	0.10	0.11	0.22	0.19	0.14	0.16	0.16	0.52	0.16
Chromium	M	2450	mg/kg	1.0	13	12	11	16	12	12	64	13
Copper	M	2450	mg/kg	0.50	41	25	19	34	24	21	48	20
Mercury	M	2450	mg/kg	0.10	0.13	0.26	0.12	0.12	0.11	0.16	0.37	0.14
Nickel	M	2450	mg/kg	0.50	12	12	11	10	13	13	17	11
Lead	M	2450	mg/kg	0.50	47	51	74	53	96	71	130	49
Selenium	M	2450	mg/kg	0.20	0.34	0.32	0.30	0.23	0.24	0.28	0.39	0.24
Zinc	M	2450	mg/kg	0.50	48	50	49	43	48	55	77	60
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	1.7	4.8	2.1	3.6	1.4	3.1	5.3	2.1
Total Organic Carbon	M	2625	%	0.20	1.0	2.8	1.2	2.1	0.82	1.8	3.1	1.2
Aliphatic TPH >C5-C6	N	2680	mg/kg	0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010
Aliphatic TPH >C6-C8	N	2680	mg/kg	0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010
Aliphatic TPH >C8-C10	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C10-C12	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C12-C16	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] 4.0	[B] < 0.10	[B] < 0.10	[B] < 0.10

Results - Soil

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935324	935325	935326	935327	935328	935329	935330	935331
	Client Sample ID.:				THA	THB	THC	BH1	BH2	BH3	BH6	BH7
	Sample Location:				TH	TH	TH	BH	BH	BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.3	0.2	0.3	0.2	0.2	0.1	0.3	0.3
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Aliphatic TPH >C16-C21	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] 7.7	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C21-C35	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] 610	[B] < 0.10	[B] 270	[B] 69	[B] 37
Aliphatic TPH >C35-C44	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Total Aliphatic Hydrocarbons	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] 610	[B] 4.0	[B] 280	[B] 69	[B] 37
Aromatic TPH >C5-C7	N	2680	mg/kg	0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010
Aromatic TPH >C7-C8	N	2680	mg/kg	0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010
Aromatic TPH >C8-C10	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C10-C12	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C12-C16	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C16-C21	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] 1.3	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C21-C35	N	2680	mg/kg	0.10	[B] < 0.10	[B] 310	[B] 260	[B] 460	[B] 310	[B] 260	[B] 230	[B] 260
Aromatic TPH >C35-C44	N	2680	mg/kg	0.10	[B] < 0.10	[B] 5.6	[B] 6.7	[B] 10	[B] 6.2	[B] 2.9	[B] 3.9	[B] 4.4
Total Aromatic Hydrocarbons	N	2680	mg/kg	1.0	[B] < 1.0	[B] 320	[B] 270	[B] 470	[B] 310	[B] 270	[B] 240	[B] 260
Total Petroleum Hydrocarbons	N	2680	mg/kg	2.0	[B] < 2.0	[B] 320	[B] 270	[B] 1100	[B] 320	[B] 540	[B] 310	[B] 300
Naphthalene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.46	< 0.10	< 0.10	0.32	0.41
Acenaphthylene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.11	< 0.10	< 0.10	0.22	< 0.10
Acenaphthene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.29	< 0.10	< 0.10	0.51	0.29
Fluorene	M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.13	< 0.10	< 0.10	0.28	0.13
Phenanthrene	M	2700	mg/kg	0.10	0.76	1.2	0.75	1.0	< 0.10	1.4	2.5	1.3
Anthracene	M	2700	mg/kg	0.10	0.20	0.30	0.30	0.37	< 0.10	0.47	0.72	0.39
Fluoranthene	M	2700	mg/kg	0.10	3.2	2.4	4.8	2.1	0.94	2.1	9.3	2.2
Pyrene	M	2700	mg/kg	0.10	3.8	2.0	2.6	2.1	1.1	2.1	6.5	2.4
Benzo[a]anthracene	M	2700	mg/kg	0.10	< 0.10	0.98	1.4	0.82	< 0.10	0.98	3.1	1.0
Chrysene	M	2700	mg/kg	0.10	< 0.10	1.2	1.5	1.1	< 0.10	1.1	3.7	1.3
Benzo[b]fluoranthene	M	2700	mg/kg	0.10	< 0.10	1.3	1.7	1.0	< 0.10	< 0.10	3.8	1.2
Benzo[k]fluoranthene	M	2700	mg/kg	0.10	< 0.10	0.73	0.92	0.65	< 0.10	< 0.10	1.8	0.74
Benzo[a]pyrene	M	2700	mg/kg	0.10	< 0.10	1.4	1.9	1.3	< 0.10	< 0.10	4.0	1.2
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10	< 0.10	0.86	1.1	< 0.10	< 0.10	< 0.10	3.2	< 0.10
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10	< 0.10	0.19	0.18	< 0.10	< 0.10	< 0.10	0.47	< 0.10
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10	< 0.10	0.71	0.86	< 0.10	< 0.10	< 0.10	2.1	< 0.10
Total Of 16 PAH's	M	2700	mg/kg	2.0	8.0	13	18	11	2.0	8.2	43	13
Dichlorodifluoromethane	N	2760	µg/kg	0.20								
Chloromethane	N	2760	µg/kg	0.20								
Vinyl Chloride	N	2760	µg/kg	0.20								
Bromomethane	N	2760	µg/kg	0.20								
Chloroethane	N	2760	µg/kg	0.20								
Trichlorofluoromethane	N	2760	µg/kg	0.20								
1,1-Dichloroethene	N	2760	µg/kg	0.20								

Results - Soil

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935324	935325	935326	935327	935328	935329	935330	935331
	Client Sample ID.:				THA	THB	THC	BH1	BH2	BH3	BH6	BH7
	Sample Location:				TH	TH	TH	BH	BH	BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.3	0.2	0.3	0.2	0.2	0.1	0.3	0.3
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Trans 1,2-Dichloroethene	N	2760	µg/kg	0.20								
1,1-Dichloroethane	N	2760	µg/kg	0.20								
cis 1,2-Dichloroethene	N	2760	µg/kg	0.20								
Bromochloromethane	N	2760	µg/kg	0.50								
Trichloromethane	N	2760	µg/kg	0.20								
1,1,1-Trichloroethane	N	2760	µg/kg	0.20								
Tetrachloromethane	N	2760	µg/kg	0.20								
1,1-Dichloropropene	N	2760	µg/kg	0.20								
Benzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2-Dichloroethane	N	2760	µg/kg	0.20								
Trichloroethene	N	2760	µg/kg	0.20								
1,2-Dichloropropane	N	2760	µg/kg	0.20								
Dibromomethane	N	2760	µg/kg	0.20								
Bromodichloromethane	N	2760	µg/kg	0.20								
cis-1,3-Dichloropropene	N	2760	µg/kg	0.20								
Toluene	N	2760	µg/kg	0.20	[B] 0.96	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Trans-1,3-Dichloropropene	N	2760	µg/kg	0.20								
1,1,2-Trichloroethane	N	2760	µg/kg	0.20								
Tetrachloroethene	N	2760	µg/kg	0.20								
1,3-Dichloropropane	N	2760	µg/kg	0.20								
Dibromochloromethane	N	2760	µg/kg	0.20								
1,2-Dibromoethane	N	2760	µg/kg	0.20								
Chlorobenzene	N	2760	µg/kg	0.20								
1,1,1,2-Tetrachloroethane	N	2760	µg/kg	0.20								
Ethylbenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
m & p-Xylene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
o-Xylene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Styrene	N	2760	µg/kg	0.20								
Tribromomethane	N	2760	µg/kg	0.20								
Isopropylbenzene	N	2760	µg/kg	0.20								
Bromobenzene	N	2760	µg/kg	0.20								
1,2,3-Trichloropropane	N	2760	µg/kg	0.20								
2-Chlorotoluene	N	2760	µg/kg	0.20								
1,3,5-Trimethylbenzene	N	2760	µg/kg	0.20								
4-Chlorotoluene	N	2760	µg/kg	0.20								
Tert-Butylbenzene	N	2760	µg/kg	0.20								
1,2,4-Trimethylbenzene	N	2760	µg/kg	0.20								
Sec-Butylbenzene	N	2760	µg/kg	0.20								

Results - Soil

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935324	935325	935326	935327	935328	935329	935330	935331
	Client Sample ID.:				THA	THB	THC	BH1	BH2	BH3	BH6	BH7
	Sample Location:				TH	TH	TH	BH	BH	BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.3	0.2	0.3	0.2	0.2	0.1	0.3	0.3
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
1,3-Dichlorobenzene	N	2760	µg/kg	0.20								
4-Isopropyltoluene	N	2760	µg/kg	0.20								
1,4-Dichlorobenzene	N	2760	µg/kg	0.20								
N-Butylbenzene	N	2760	µg/kg	0.20								
1,2-Dichlorobenzene	N	2760	µg/kg	0.20								
1,2-Dibromo-3-Chloropropane	N	2760	µg/kg	0.20								
1,2,4-Trichlorobenzene	N	2760	µg/kg	0.20								
Hexachlorobutadiene	N	2760	µg/kg	0.20								
1,2,3-Trichlorobenzene	N	2760	µg/kg	0.20								
Methyl Tert-Butyl Ether	N	2760	µg/kg	0.20	[B] 0.37	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
N-Nitrosodimethylamine	N	2790	mg/kg	0.050								
Phenol	N	2790	mg/kg	0.050								
2-Chlorophenol	N	2790	mg/kg	0.050								
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050								
1,3-Dichlorobenzene	N	2790	mg/kg	0.050								
1,4-Dichlorobenzene	N	2790	mg/kg	0.050								
1,2-Dichlorobenzene	N	2790	mg/kg	0.050								
2-Methylphenol	N	2790	mg/kg	0.050								
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050								
Hexachloroethane	N	2790	mg/kg	0.050								
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050								
4-Methylphenol	N	2790	mg/kg	0.050								
Nitrobenzene	N	2790	mg/kg	0.050								
Isophorone	N	2790	mg/kg	0.050								
2-Nitrophenol	N	2790	mg/kg	0.050								
2,4-Dimethylphenol	N	2790	mg/kg	0.050								
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050								
2,4-Dichlorophenol	N	2790	mg/kg	0.050								
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050								
Naphthalene	N	2790	mg/kg	0.050								
4-Chloroaniline	N	2790	mg/kg	0.050								
Hexachlorobutadiene	N	2790	mg/kg	0.050								
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050								
2-Methylnaphthalene	N	2790	mg/kg	0.050								
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050								
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050								
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050								
2-Chloronaphthalene	N	2790	mg/kg	0.050								

Results - Soil

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935324	935325	935326	935327	935328	935329	935330	935331
	Client Sample ID.:				THA	THB	THC	BH1	BH2	BH3	BH6	BH7
	Sample Location:				TH	TH	TH	BH	BH	BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.3	0.2	0.3	0.2	0.2	0.1	0.3	0.3
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
2-Nitroaniline	N	2790	mg/kg	0.050								
Acenaphthylene	N	2790	mg/kg	0.050								
Dimethylphthalate	N	2790	mg/kg	0.050								
2,6-Dinitrotoluene	N	2790	mg/kg	0.050								
Acenaphthene	N	2790	mg/kg	0.050								
Dibenzofuran	N	2790	mg/kg	0.050								
4-Chlorophenylphenylether	N	2790	mg/kg	0.050								
2,4-Dinitrotoluene	N	2790	mg/kg	0.050								
Fluorene	N	2790	mg/kg	0.050								
Diethyl Phthalate	N	2790	mg/kg	0.050								
4-Nitroaniline	N	2790	mg/kg	0.050								
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050								
Azobenzene	N	2790	mg/kg	0.050								
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050								
Hexachlorobenzene	N	2790	mg/kg	0.050								
Pentachlorophenol	N	2790	mg/kg	0.050								
Phenanthrene	N	2790	mg/kg	0.050								
Anthracene	N	2790	mg/kg	0.050								
Carbazole	N	2790	mg/kg	0.050								
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050								
Fluoranthene	N	2790	mg/kg	0.050								
Pyrene	N	2790	mg/kg	0.050								
Butylbenzyl Phthalate	N	2790	mg/kg	0.050								
Benzo[a]anthracene	N	2790	mg/kg	0.050								
Chrysene	N	2790	mg/kg	0.050								
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050								
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050								
Benzo[b]fluoranthene	N	2790	mg/kg	0.050								
Benzo[k]fluoranthene	N	2790	mg/kg	0.050								
Benzo[a]pyrene	N	2790	mg/kg	0.050								
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050								
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050								
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050								
Demeton-O	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Phorate	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Demeton-S	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Disulfoton	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Fenthion	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20

Results - Soil

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935324	935325	935326	935327	935328	935329	935330	935331
	Client Sample ID.:				THA	THB	THC	BH1	BH2	BH3	BH6	BH7
	Sample Location:				TH	TH	TH	BH	BH	BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.3	0.2	0.3	0.2	0.2	0.1	0.3	0.3
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Trichloronate	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Prothiofos	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Fensulphothion	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Sulprofos	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Azinphos-Methyl	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Coumaphos	N	2820	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Alpha-HCH	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Beta-HCH	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Delta-HCH	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Heptachlor	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Aldrin	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Heptachlor Epoxide	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Gamma-Chlordane	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Alpha-Chlordane	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Endosulfan I	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
4,4-DDE	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Dieldrin	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Endrin	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
4,4-DDD	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Endosulfan II	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Endrin Aldehyde	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
4,4-DDT	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Endosulfan Sulphate	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Methoxychlor	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Endrin Ketone	N	2840	mg/kg	0.20				< 0.20		< 0.20		< 0.20
Resorcinol	M	2920	mg/kg	0.050								
Phenol	M	2920	mg/kg	0.050								
Cresols	M	2920	mg/kg	0.050								
Xylenols	M	2920	mg/kg	0.050								
1-Naphthol	N	2920	mg/kg	0.050								
Trimethylphenols	M	2920	mg/kg	0.050								
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	8.2	0.33	4.5
SVOC TIC	N	2790	mg/kg	N/A								
VOC TIC	N	2760	µg/kg	N/A								

Project: Nell Lane, Manchester

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935332	935333	935334
	Client Sample ID.:				BH1	BH4	BH6
	Sample Location:				BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.9	0.8	0.9
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:						
Determinand	Accred.	SOP	Units	LOD			
ACM Type	U	2192		N/A			
Asbestos Identification	U	2192	%	0.001			
ACM Detection Stage	U	2192		N/A			
Asbestos by Gravimetry	U	2192	%	0.001			
Total Asbestos	N	2192	%	0.001			
Moisture	N	2030	%	0.020	7.7	14	5.3
Soil Colour	N	2040		N/A	Brown,	Brown,	Brown,
Other Material	N	2040		N/A	Stones,	Stones,	Stones,
Soil Texture	N	2040		N/A	Sand,	Sand,	Sand,
pH	M	2010		4.0	8.5	8.1	7.8
Electrical Conductivity (2:1)	N	2020	µS/cm	1.0	170	210	54
Sulphate (2:1 Water Soluble) as SO ₄	M	2120	g/l	0.010			
Redox Potential	N	2150	mV	N/A	190	180	170
Sulphur (Elemental)	M	2180	mg/kg	1.0			
Cyanide (Free)	M	2300	mg/kg	0.50			
Cyanide (Total)	M	2300	mg/kg	0.50			
Thiocyanate	M	2300	mg/kg	5.0			
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50			
Sulphate (Total)	M	2430	mg/kg	100			
Arsenic	M	2450	mg/kg	1.0			
Cadmium	M	2450	mg/kg	0.10			
Chromium	M	2450	mg/kg	1.0			
Copper	M	2450	mg/kg	0.50			
Mercury	M	2450	mg/kg	0.10			
Nickel	M	2450	mg/kg	0.50			
Lead	M	2450	mg/kg	0.50			
Selenium	M	2450	mg/kg	0.20			
Zinc	M	2450	mg/kg	0.50			
Chromium (Hexavalent)	N	2490	mg/kg	0.50			
Organic Matter	M	2625	%	0.40			
Total Organic Carbon	M	2625	%	0.20			
Aliphatic TPH >C5-C6	N	2680	mg/kg	0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010
Aliphatic TPH >C6-C8	N	2680	mg/kg	0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010
Aliphatic TPH >C8-C10	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C10-C12	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C12-C16	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10

Project: Nell Lane, Manchester

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935332	935333	935334
	Client Sample ID.:				BH1	BH4	BH6
	Sample Location:				BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.9	0.8	0.9
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:						
Determinand	Accred.	SOP	Units	LOD			
Aliphatic TPH >C16-C21	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C21-C35	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C35-C44	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Total Aliphatic Hydrocarbons	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C5-C7	N	2680	mg/kg	0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010
Aromatic TPH >C7-C8	N	2680	mg/kg	0.010	[B] < 0.010	[B] < 0.010	[B] < 0.010
Aromatic TPH >C8-C10	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C10-C12	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C12-C16	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C16-C21	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C21-C35	N	2680	mg/kg	0.10	[B] < 0.10	[B] 77	[B] < 0.10
Aromatic TPH >C35-C44	N	2680	mg/kg	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Total Aromatic Hydrocarbons	N	2680	mg/kg	1.0	[B] < 1.0	[B] 77	[B] < 1.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	2.0	[B] < 2.0	[B] 77	[B] < 2.0
Naphthalene	M	2700	mg/kg	0.10			
Acenaphthylene	M	2700	mg/kg	0.10			
Acenaphthene	M	2700	mg/kg	0.10			
Fluorene	M	2700	mg/kg	0.10			
Phenanthrene	M	2700	mg/kg	0.10			
Anthracene	M	2700	mg/kg	0.10			
Fluoranthene	M	2700	mg/kg	0.10			
Pyrene	M	2700	mg/kg	0.10			
Benzo[a]anthracene	M	2700	mg/kg	0.10			
Chrysene	M	2700	mg/kg	0.10			
Benzo[b]fluoranthene	M	2700	mg/kg	0.10			
Benzo[k]fluoranthene	M	2700	mg/kg	0.10			
Benzo[a]pyrene	M	2700	mg/kg	0.10			
Indeno(1,2,3-c,d)Pyrene	M	2700	mg/kg	0.10			
Dibenz(a,h)Anthracene	M	2700	mg/kg	0.10			
Benzo[g,h,i]perylene	M	2700	mg/kg	0.10			
Total Of 16 PAH's	M	2700	mg/kg	2.0			
Dichlorodifluoromethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Chloromethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Vinyl Chloride	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Bromomethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Chloroethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Trichlorofluoromethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,1-Dichloroethene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935332	935333	935334
	Client Sample ID.:				BH1	BH4	BH6
	Sample Location:				BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.9	0.8	0.9
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:						
Determinand	Accred.	SOP	Units	LOD			
Trans 1,2-Dichloroethene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,1-Dichloroethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
cis 1,2-Dichloroethene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Bromochloromethane	N	2760	µg/kg	0.50	[B] < 0.50	[B] < 0.50	[B] < 0.50
Trichloromethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,1,1-Trichloroethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Tetrachloromethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,1-Dichloropropene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Benzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2-Dichloroethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Trichloroethene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2-Dichloropropane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Dibromomethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Bromodichloromethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
cis-1,3-Dichloropropene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Toluene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] 0.34
Trans-1,3-Dichloropropene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,1,2-Trichloroethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Tetrachloroethene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,3-Dichloropropane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Dibromochloromethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2-Dibromoethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Chlorobenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,1,1,2-Tetrachloroethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Ethylbenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
m & p-Xylene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
o-Xylene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Styrene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Tribromomethane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Isopropylbenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Bromobenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2,3-Trichloropropane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
2-Chlorotoluene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,3,5-Trimethylbenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
4-Chlorotoluene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Tert-Butylbenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2,4-Trimethylbenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Sec-Butylbenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20

Project: Nell Lane, Manchester

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935332	935333	935334
	Client Sample ID.:				BH1	BH4	BH6
	Sample Location:				BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.9	0.8	0.9
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:						
Determinand	Accred.	SOP	Units	LOD			
1,3-Dichlorobenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
4-Isopropyltoluene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,4-Dichlorobenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
N-Butylbenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2-Dichlorobenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2-Dibromo-3-Chloropropane	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2,4-Trichlorobenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Hexachlorobutadiene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
1,2,3-Trichlorobenzene	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
Methyl Tert-Butyl Ether	N	2760	µg/kg	0.20	[B] < 0.20	[B] < 0.20	[B] < 0.20
N-Nitrosodimethylamine	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Phenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2-Chlorophenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
1,3-Dichlorobenzene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
1,4-Dichlorobenzene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
1,2-Dichlorobenzene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2-Methylphenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Hexachloroethane	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
4-Methylphenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Nitrobenzene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Isophorone	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2-Nitrophenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2,4-Dimethylphenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2,4-Dichlorophenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Naphthalene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
4-Chloroaniline	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Hexachlorobutadiene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2-Methylnaphthalene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050	[B] 0.37	[B] 0.41	[B] 0.36
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2-Chloronaphthalene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050

Project: Nell Lane, Manchester

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935332	935333	935334
	Client Sample ID.:				BH1	BH4	BH6
	Sample Location:				BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.9	0.8	0.9
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:						
Determinand	Accred.	SOP	Units	LOD			
2-Nitroaniline	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Acenaphthylene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Dimethylphthalate	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2,6-Dinitrotoluene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Acenaphthene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.070	[B] < 0.050
Dibenzofuran	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
4-Chlorophenylphenylether	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2,4-Dinitrotoluene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Fluorene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Diethyl Phthalate	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
4-Nitroaniline	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Azobenzene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Hexachlorobenzene	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Pentachlorophenol	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Phenanthrene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.75	[B] < 0.050
Anthracene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.16	[B] < 0.050
Carbazole	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Fluoranthene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 1.2	[B] < 0.050
Pyrene	N	2790	mg/kg	0.050	[B] 0.087	[B] 1.3	[B] < 0.050
Butylbenzyl Phthalate	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Benzo[a]anthracene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.81	[B] < 0.050
Chrysene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.72	[B] < 0.050
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050	[B] 0.13	[B] 0.13	[B] 0.12
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Benzo[b]fluoranthene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 1.0	[B] < 0.050
Benzo[k]fluoranthene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.44	[B] < 0.050
Benzo[a]pyrene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.83	[B] < 0.050
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.42	[B] < 0.050
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.13	[B] < 0.050
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050	[B] < 0.050	[B] 0.54	[B] < 0.050
Demeton-O	N	2820	mg/kg	0.20			
Phorate	N	2820	mg/kg	0.20			
Demeton-S	N	2820	mg/kg	0.20			
Disulfoton	N	2820	mg/kg	0.20			
Fenthion	N	2820	mg/kg	0.20			

Project: Nell Lane, Manchester

Client: Worms Eye Ltd	Chemtest Job No.:				19-40160	19-40160	19-40160
Quotation No.: Q19-18671	Chemtest Sample ID.:				935332	935333	935334
	Client Sample ID.:				BH1	BH4	BH6
	Sample Location:				BH	BH	BH
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.9	0.8	0.9
	Date Sampled:				04-Nov-2019	04-Nov-2019	04-Nov-2019
	Asbestos Lab:						
Determinand	Accred.	SOP	Units	LOD			
Trichloronate	N	2820	mg/kg	0.20			
Prothiofos	N	2820	mg/kg	0.20			
Fensulphothion	N	2820	mg/kg	0.20			
Sulprofos	N	2820	mg/kg	0.20			
Azinphos-Methyl	N	2820	mg/kg	0.20			
Coumaphos	N	2820	mg/kg	0.20			
Alpha-HCH	N	2840	mg/kg	0.20			
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20			
Beta-HCH	N	2840	mg/kg	0.20			
Delta-HCH	N	2840	mg/kg	0.20			
Heptachlor	N	2840	mg/kg	0.20			
Aldrin	N	2840	mg/kg	0.20			
Heptachlor Epoxide	N	2840	mg/kg	0.20			
Gamma-Chlordane	N	2840	mg/kg	0.20			
Alpha-Chlordane	N	2840	mg/kg	0.20			
Endosulfan I	N	2840	mg/kg	0.20			
4,4-DDE	N	2840	mg/kg	0.20			
Dieldrin	N	2840	mg/kg	0.20			
Endrin	N	2840	mg/kg	0.20			
4,4-DDD	N	2840	mg/kg	0.20			
Endosulfan II	N	2840	mg/kg	0.20			
Endrin Aldehyde	N	2840	mg/kg	0.20			
4,4-DDT	N	2840	mg/kg	0.20			
Endosulfan Sulphate	N	2840	mg/kg	0.20			
Methoxychlor	N	2840	mg/kg	0.20			
Endrin Ketone	N	2840	mg/kg	0.20			
Resorcinol	M	2920	mg/kg	0.050	< 0.050	< 0.050	< 0.050
Phenol	M	2920	mg/kg	0.050	< 0.050	< 0.050	< 0.050
Cresols	M	2920	mg/kg	0.050	< 0.050	< 0.050	< 0.050
Xylenols	M	2920	mg/kg	0.050	< 0.050	< 0.050	< 0.050
1-Naphthol	N	2920	mg/kg	0.050	< 0.050	< 0.050	< 0.050
Trimethylphenols	M	2920	mg/kg	0.050	< 0.050	< 0.050	< 0.050
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30
SVOC TIC	N	2790	mg/kg	N/A	[B] None Detected	[B] None Detected	[B] None Detected
VOC TIC	N	2760	µg/kg	N/A	[B] None Detected	[B] None Detected	[B] None Detected

Deviations

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

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
935324		THA	TH	04-Nov-2019	B	Amber Glass 250ml
935324		THA	TH	04-Nov-2019	B	Amber Glass 60ml
935324		THA	TH	04-Nov-2019	B	Plastic Tub 500g
935325		THB	TH	04-Nov-2019	B	Amber Glass 250ml
935325		THB	TH	04-Nov-2019	B	Amber Glass 60ml
935325		THB	TH	04-Nov-2019	B	Plastic Tub 500g
935326		THC	TH	04-Nov-2019	B	Amber Glass 250ml
935326		THC	TH	04-Nov-2019	B	Amber Glass 60ml
935326		THC	TH	04-Nov-2019	B	Plastic Tub 500g
935327		BH1	BH	04-Nov-2019	B	Amber Glass 250ml
935327		BH1	BH	04-Nov-2019	B	Amber Glass 60ml
935327		BH1	BH	04-Nov-2019	B	Plastic Tub 500g
935328		BH2	BH	04-Nov-2019	B	Amber Glass 250ml
935328		BH2	BH	04-Nov-2019	B	Amber Glass 60ml
935328		BH2	BH	04-Nov-2019	B	Plastic Tub 500g
935329		BH3	BH	04-Nov-2019	B	Amber Glass 250ml
935329		BH3	BH	04-Nov-2019	B	Amber Glass 60ml
935329		BH3	BH	04-Nov-2019	B	Plastic Tub 500g
935330		BH6	BH	04-Nov-2019	B	Amber Glass 250ml
935330		BH6	BH	04-Nov-2019	B	Amber Glass 60ml
935330		BH6	BH	04-Nov-2019	B	Plastic Tub 500g
935331		BH7	BH	04-Nov-2019	B	Amber Glass 250ml
935331		BH7	BH	04-Nov-2019	B	Amber Glass 60ml
935331		BH7	BH	04-Nov-2019	B	Plastic Tub 500g

Deviations

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

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
935332		BH1	BH	04-Nov-2019	B	Amber Glass 250ml
935332		BH1	BH	04-Nov-2019	B	Amber Glass 60ml
935332		BH1	BH	04-Nov-2019	B	Plastic Tub 500g
935333		BH4	BH	04-Nov-2019	B	Amber Glass 250ml
935333		BH4	BH	04-Nov-2019	B	Amber Glass 60ml
935333		BH4	BH	04-Nov-2019	B	Plastic Tub 500g
935334		BH6	BH	04-Nov-2019	B	Amber Glass 250ml
935334		BH6	BH	04-Nov-2019	B	Amber Glass 60ml
935334		BH6	BH	04-Nov-2019	B	Plastic Tub 500g

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2020	Electrical Conductivity	Electrical conductivity (EC) of aqueous extract or calcium sulphate solution for topsoil	Measurement of the electrical resistance of a 2:1 water/soil extract.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2150	Redox Potential	Redox Potential	Meter
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2780	Glycols, Aldehydes, Amines, Ethers and Ketones	Glycols, Aldehydes, Amines, Ethers and Ketones	GCMS detection
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS

SOP	Title	Parameters included	Method summary
2820	Organophosphorus (O-P) Pesticides in Soils by GC-MS	Organophosphorus pesticide representative suite including Parathion, Malathion etc, plus client specific determinands	Dichloromethane extraction / GC-MS
2840	Organochlorine (O-Cl) Pesticides in Soils by GC-MS	Organochlorine pesticide representative suite including DDT and its metabolites, 'drins' and HCH etc, plus client specific determinands	Dichloromethane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and Trimethylphenols Note: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.

Report Information

Key

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

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

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

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

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

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

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

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com

NELL LANE, MANCHESTER, M21 7UH

Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITHOUT HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/ Fail	SSAC	Pass/ Fail	Failed Samples
HEAVY METALS						
- Arsenic	14	40*	√			
- Cadmium	0.52	85*	√			
- Chromium III	64	910*	√			
- Chromium VI	<0.5	6*	√			
- Copper	48	7100*	√			
- Lead	130	300▲	√			
- Inorganic Mercury	0.37	56#	√			
- Methyl Mercury	0.37	15#	√			
- Nickel	17	180*	√			
- Selenium	0.39	350#	√			
- Zinc	77	40000*	√			
OTHER INORGANICS						
- Asbestos	YES		X			THB – 0.2m, BH2– 0.2m
- Cyanide (total)	<0.5	20 (D)	√			
- pH range	7.6 – 8.6		√			
- Sulphate (g/l)	0.15	0.5 (B)	√			
- Sulphide	<0.5	250 (E)	√			
- Thiocyanate	<0.5		√			
-TOC range (%)	1.0 – 2.8		√			
-SOM Range	1.4 – 5.3		√			

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)

NELL LANE, MANCHESTER, M21 7UH

Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITHOUT HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/Fail	Average	Pass/Fail	Failed Samples
PAHs						
- Acenaphthene	0.51	4700*	√			
- Acenaphthylene	0.22	4600*	√			
- Anthracene	0.72	35000*	√			
- Benz(a)anthracene	3.1	14*	√			
- Benzo(a)pyrene (BAP)*	4.0	5.0▲	√			
- Benzo(b)fluoranthene	3.8	4*	√			
- Benzo(ghi)perylene	2.1	360*	√			
- Benzo(k)fluoranthene	1.8	110*	√			
- Chrysene	3.7	31*	√			
- Dibenzo(ah)anthracene (DBA)	0.47	0.32*	X	0.16	√	BH6 – 0.3m
- Fluoranthene	9.3	1600*	√			
- Fluorene	0.28	3800*	√			
- Indene (123-cd) pyrene	3.2	46*	√			
- Naphthalene	0.46	5.6*	√			
- Phenanthrene	2.5	1500*	√			
- Pyrene	6.5	3800*	√			
OTHER COMPOUNDS						
Phenols	8.2	1300#	√			
PID (VOC screen) ppm	0.0		√			
MTBE	<0.003		√			

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

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

NELL LANE, MANCHESTER, M21 7UH

Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITHOUT HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/Fail	SSAC	Pass/Fail	Failed Samples
BTEX COMPOUNDS						
- Benzene	<0.002	0.70*	√			
- Toluene	<0.096	1900*	√			
- Ethyl-benzene	<0.002	190*	√			
- Xylene - O	<0.002	210*	√			
- M/P	<0.002	180*	√			
TPHs						
<u>Aliphatics</u>						
C ₅ – C ₆	<0.1	78*	√			
C ₆ – C ₈	<0.1	230*	√			
C ₈ – C ₁₀	<0.1	65*	√			
C ₁₀ – C ₁₂	<0.1	330 (118 vap)*	√			
C ₁₂ – C ₁₆	4.0	2400 (59 sol)*	√			
C ₁₆ – C ₃₅	277	92000 (21 sol)*	√			
<u>Aromatics</u>						
C ₅ – C ₇	<0.1	690*	√			
C ₇ – C ₈	<0.1	1800*	√			
C ₈ – C ₁₀	<0.1	110*	√			
C ₁₀ – C ₁₂	<0.1	590*	√			
C ₁₂ – C ₁₆	<0.1	2300*	√			
C ₁₆ – C ₂₁	1.0	1900*	√			
C ₂₁ – C ₃₅	310	1900*	√			

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

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(H) – Hazardous Waste

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NELL LANE, MANCHESTER, M21 7UH

Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITHOUT HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/ Fail	SSAC	Pass/ Fail	Failed Samples
HEAVY METALS						
- Arsenic	14	40*	√			
- Cadmium	0.52	85*	√			
- Chromium III	64	910*	√			
- Chromium VI	<0.5	6*	√			
- Copper	48	7100*	√			
- Lead	130	300▲	√			
- Inorganic Mercury	0.37	56#	√			
- Methyl Mercury	0.37	15#	√			
- Nickel	17	180*	√			
- Selenium	0.39	350#	√			
- Zinc	77	40000*	√			
OTHER INORGANICS						
- Asbestos	YES		X			THB – 0.2m, BH2– 0.2m
- Cyanide (total)	<0.5	20 (D)	√			
- pH range	7.6 – 8.6		√			
- Sulphate (g/l)	0.15	0.5 (B)	√			
- Sulphide	<0.5	250 (E)	√			
- Thiocyanate	<0.5		√			
-TOC range (%)	1.0 – 2.8		√			
-SOM Range	1.4 – 5.3		√			

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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NELL LANE, MANCHESTER, M21 7UH

Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITHOUT HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/Fail	Average	Pass/Fail	Failed Samples
PAHs						
- Acenaphthene	0.51	4700*	√			
- Acenaphthylene	0.22	4600*	√			
- Anthracene	0.72	35000*	√			
- Benz(a)anthracene	3.1	14*	√			
- Benzo(a)pyrene (BAP)*	4.0	5.0▲	√			
- Benzo(b)fluoranthene	3.8	4*	√			
- Benzo(ghi)perylene	2.1	360*	√			
- Benzo(k)fluoranthene	1.8	110*	√			
- Chrysene	3.7	31*	√			
- Dibenzo(ah)anthracene (DBA)	0.47	0.32*	X	0.16	√	BH6 – 0.3m
- Fluoranthene	9.3	1600*	√			
- Fluorene	0.28	3800*	√			
- Indene (123-cd) pyrene	3.2	46*	√			
- Naphthalene	0.46	5.6*	√			
- Phenanthrene	2.5	1500*	√			
- Pyrene	6.5	3800*	√			
OTHER COMPOUNDS						
Phenols	8.2	1300#	√			
PID (VOC screen) ppm	0.0		√			
MTBE	<0.003		√			

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

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Comparison of Contamination Test Results with Various Thresholds

RESIDENTIAL WITHOUT HOMEGROWN VEGETABLES

Hydrocarbons at 2.5% SOM

Contaminant	Max Value	Threshold	Pass/Fail	SSAC	Pass/Fail	Failed Samples
BTEX COMPOUNDS						
- Benzene	<0.002	0.70*	√			
- Toluene	<0.096	1900*	√			
- Ethyl-benzene	<0.002	190*	√			
- Xylene - O	<0.002	210*	√			
- M/P	<0.002	180*	√			
TPHs						
<u>Aliphatics</u>						
C ₅ – C ₆	<0.1	78*	√			
C ₆ – C ₈	<0.1	230*	√			
C ₈ – C ₁₀	<0.1	65*	√			
C ₁₀ – C ₁₂	<0.1	330 (118 vap)*	√			
C ₁₂ – C ₁₆	4.0	2400 (59 sol)*	√			
C ₁₆ – C ₃₅	277	92000 (21 sol)*	√			
<u>Aromatics</u>						
C ₅ – C ₇	<0.1	690*	√			
C ₇ – C ₈	<0.1	1800*	√			
C ₈ – C ₁₀	<0.1	110*	√			
C ₁₀ – C ₁₂	<0.1	590*	√			
C ₁₂ – C ₁₆	<0.1	2300*	√			
C ₁₆ – C ₂₁	1.0	1900*	√			
C ₂₁ – C ₃₅	310	1900*	√			

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

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GROUND GAS TESTING RESULTS
NELL LANE, MANCHESTER, M21 7UH

[illegible]

Testing machines: GMI Landsurveyor 2 (P405890), Geotechnical Instruments GA45 (G6211/05)

Outflow - 0 taken as < 0.1litres/hour flow of gas from borehole

- * NHBC green limit, CIRIA situation 1 limit

- ❖ CIRIA situation 2 limit

Waste Classification Report



EPFRX-9JCB8-9CMKK

Job name

Nell Lane, Manchester

Description/Comments

Project

Nell Lane, Manchester

Site

Nell Lane, Manchester

Related Documents

#	Name	Description
None		

Waste Stream Template

Worms Eye v3

Classified by

Name:	Company:
Emma Lord	Worms Eye Limited
Date:	52 Bank Parade
08 Jan 2020 13:10 GMT	Burnley
Telephone:	BB11 1TS
01282 414649	

Report

Created by: Emma Lord
Created date: 08 Jan 2020 13:10 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	THA	0.3	Non Hazardous		3
2	THB	0.2	Non Hazardous		6
3	THC	0.3	Non Hazardous		9
4	BH1	0.2	Hazardous	HP 3(i), HP 7, HP 11	12
5	BH2	0.2	Non Hazardous		15
6	BH3	0.1	Non Hazardous		18
7	BH6	0.3	Non Hazardous		21
8	BH7	0.3	Non Hazardous		24
9	BH1 0.9	0.9	Non Hazardous		27
10	BH4	0.8	Non Hazardous		29
11	BH6 0.9	0.9	Non Hazardous		31

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	33
Appendix B: Rationale for selection of metal species	34
Appendix C: Version	35

Classification of sample: THA

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

Sample details

Sample Name:	THA	LoW Code:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.3 m	Chapter:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	9.2% (no correction)	Entry:	

Hazard properties

None identified

Determinands

Moisture content: 9.2% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	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	0.11 mg/kg	1.285	0.141 mg/kg	0.000011 %		
	048-010-00-4	215-147-8	1306-23-6							
3	chromium in chromium(III) compounds { chromium(III) oxide }				13 mg/kg	1.462	19 mg/kg	0.0019 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
5	copper { dicopper oxide; copper (I) oxide }				41 mg/kg	1.126	46.161 mg/kg	0.00462 %		
	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 }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
7	lead { lead chromate }			1	47 mg/kg	1.56	73.311 mg/kg	0.0047 %		
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				0.13 mg/kg	1.353	0.176 mg/kg	0.0000176 %		
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel dihydroxide }				12 mg/kg	1.579	18.954 mg/kg	0.0019 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
10	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
11	phenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.34 mg/kg	2.554	0.868 mg/kg	0.0000868 %		
	034-002-00-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
13	zinc { zinc oxide }				48 mg/kg	1.245	59.746	mg/kg	0.00597 %		
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.0002 mg/kg		<0.0002	mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				0.0009 mg/kg		0.0009	mg/kg	0.000000096 %		
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.0002 mg/kg		<0.0002	mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.0004 mg/kg		<0.0004	mg/kg	<0.00000004 %		<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				<2 mg/kg		<2	mg/kg	<0.0002 %		<LOD
			TPH								
19	acenaphthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9								
20	acenaphthylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8								
21	anthracene				0.2 mg/kg		0.2	mg/kg	0.00002 %		
		204-371-1	120-12-7								
22	benzo[a]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
23	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
24	benzo[b]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
25	benzo[k]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
26	benzo[ghi]perylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2								
27	chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
28	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
29	fluoranthene				3.2 mg/kg		3.2	mg/kg	0.00032 %		
		205-912-4	206-44-0								
30	fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7								
31	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5								
32	naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
33	phenanthrene				0.76 mg/kg		0.76	mg/kg	0.000076 %		
		201-581-5	85-01-8								
34	pyrene				3.8 mg/kg		3.8	mg/kg	0.00038 %		
		204-927-3	129-00-0								
35	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:									0.022 %		

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
ND	Not detected
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 because Low level

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 9.6e-08%)

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)
0.2 m		
Moisture content:		
13%		
(no correction)		

Hazard properties

None identified

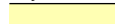
Determinands

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
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				8.4	mg/kg	1.32	11.091	mg/kg	0.00111 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium sulfide }			1	0.22	mg/kg	1.285	0.283	mg/kg	0.000022 %		
	048-010-00-4	215-147-8	1306-23-6									
3	chromium in chromium(III) compounds { chromium(III) oxide }				12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
5	copper { dicopper oxide; copper (I) oxide }				25	mg/kg	1.126	28.147	mg/kg	0.00281 %		
	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 }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
7	lead { lead chromate }			1	51	mg/kg	1.56	79.551	mg/kg	0.0051 %		
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.26	mg/kg	1.353	0.352	mg/kg	0.0000352 %		
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel dihydroxide }				12	mg/kg	1.579	18.954	mg/kg	0.0019 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
10	pH				8	pH		8	pH	8pH		
11	phenol				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.32	mg/kg	2.554	0.817	mg/kg	0.0000817 %		
	034-002-00-8											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
13	zinc { zinc oxide }				50 mg/kg	1.245	62.236 mg/kg	0.00622 %		
	030-013-00-7	215-222-5	1314-13-2							
14	benzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.0004 mg/kg		<0.0004 mg/kg	<0.00000004 %		<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				320 mg/kg		320 mg/kg	0.032 %		
			TPH							
19	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
20	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
21	anthracene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		204-371-1	120-12-7							
22	benzo[a]anthracene				0.98 mg/kg		0.98 mg/kg	0.000098 %		
	601-033-00-9	200-280-6	56-55-3							
23	benzo[a]pyrene; benzo[def]chrysene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
	601-032-00-3	200-028-5	50-32-8							
24	benzo[b]fluoranthene				1.3 mg/kg		1.3 mg/kg	0.00013 %		
	601-034-00-4	205-911-9	205-99-2							
25	benzo[k]fluoranthene				0.73 mg/kg		0.73 mg/kg	0.000073 %		
	601-036-00-5	205-916-6	207-08-9							
26	benzo[ghi]perylene				0.71 mg/kg		0.71 mg/kg	0.000071 %		
		205-883-8	191-24-2							
27	chrysene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
	601-048-00-0	205-923-4	218-01-9							
28	dibenz[a,h]anthracene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
	601-041-00-2	200-181-8	53-70-3							
29	fluoranthene				2.4 mg/kg		2.4 mg/kg	0.00024 %		
		205-912-4	206-44-0							
30	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
31	indeno[123-cd]pyrene				0.86 mg/kg		0.86 mg/kg	0.000086 %		
		205-893-2	193-39-5							
32	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
33	phenanthrene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
		201-581-5	85-01-8							
34	pyrene				2 mg/kg		2 mg/kg	0.0002 %		
		204-927-3	129-00-0							
35	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<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:								0.0536 %		

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
ND	Not detected
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 because Low level

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.032%)

Classification of sample: THC

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

Sample details

Sample Name:	LoW Code:	
THC	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)
0.3 m		
Moisture content:		
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
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				9.1 mg/kg	1.32	12.015 mg/kg	0.0012 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium sulfide }			1	0.19 mg/kg	1.285	0.244 mg/kg	0.000019 %			
	048-010-00-4	215-147-8	1306-23-6								
3	chromium in chromium(III) compounds { chromium(III) oxide }				11 mg/kg	1.462	16.077 mg/kg	0.00161 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
5	copper { dicopper oxide; copper (I) oxide }				19 mg/kg	1.126	21.392 mg/kg	0.00214 %			
	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 }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<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 }				0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel dihydroxide }				11 mg/kg	1.579	17.374 mg/kg	0.00174 %			
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
10	pH				8.3 pH		8.3 pH	8.3 pH			
			PH								
11	phenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.3 mg/kg	2.554	0.766 mg/kg	0.0000766 %			
	034-002-00-8										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
13	zinc { zinc oxide }				49 mg/kg	1.245	60.991 mg/kg	0.0061 %			
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.0004 mg/kg		<0.0004 mg/kg	<0.00000004 %			<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				270 mg/kg		270 mg/kg	0.027 %			
			TPH								
19	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
20	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
21	anthracene				0.3 mg/kg		0.3 mg/kg	0.00003 %			
		204-371-1	120-12-7								
22	benzo[a]anthracene				1.4 mg/kg		1.4 mg/kg	0.00014 %			
	601-033-00-9	200-280-6	56-55-3								
23	benzo[a]pyrene; benzo[def]chrysene				1.9 mg/kg		1.9 mg/kg	0.00019 %			
	601-032-00-3	200-028-5	50-32-8								
24	benzo[b]fluoranthene				1.7 mg/kg		1.7 mg/kg	0.00017 %			
	601-034-00-4	205-911-9	205-99-2								
25	benzo[k]fluoranthene				0.92 mg/kg		0.92 mg/kg	0.000092 %			
	601-036-00-5	205-916-6	207-08-9								
26	benzo[ghi]perylene				0.86 mg/kg		0.86 mg/kg	0.000086 %			
		205-883-8	191-24-2								
27	chrysene				1.5 mg/kg		1.5 mg/kg	0.00015 %			
	601-048-00-0	205-923-4	218-01-9								
28	dibenz[a,h]anthracene				0.18 mg/kg		0.18 mg/kg	0.000018 %			
	601-041-00-2	200-181-8	53-70-3								
29	fluoranthene				4.8 mg/kg		4.8 mg/kg	0.00048 %			
		205-912-4	206-44-0								
30	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
31	indeno[123-cd]pyrene				1.1 mg/kg		1.1 mg/kg	0.00011 %			
		205-893-2	193-39-5								
32	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
33	phenanthrene				0.75 mg/kg		0.75 mg/kg	0.000075 %			
		201-581-5	85-01-8								
34	pyrene				2.6 mg/kg		2.6 mg/kg	0.00026 %			
		204-927-3	129-00-0								
35	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:									0.0494 %		

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
ND	Not detected
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 because Low level

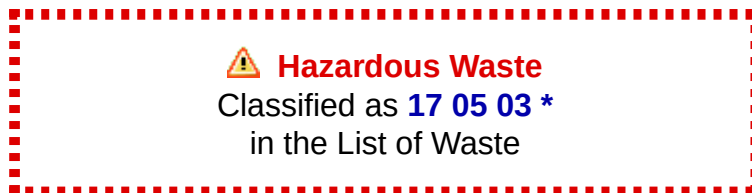
Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: BH1



Sample details

Sample Name:	LoW Code:
BH1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
12%	
(no correction)	

Hazard properties

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

Force this Hazardous property to hazardous because **High level**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

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
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				9.3	mg/kg	1.32	12.279	mg/kg	0.00123 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium sulfide }			1	0.14	mg/kg	1.285	0.18	mg/kg	0.000014 %		
	048-010-00-4	215-147-8	1306-23-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
3	chromium in chromium(III) compounds { chromium(III) oxide }				16 mg/kg	1.462	23.385 mg/kg	0.00234 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<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 }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
		006-007-00-5									
7	lead { lead chromate }			1	53 mg/kg	1.56	82.67 mg/kg	0.0053 %			
		082-004-00-2	231-846-0								
			7758-97-6								
8	mercury { mercury dichloride }				0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %			
		080-010-00-X	231-299-8								
			7487-94-7								
9	nickel { nickel dihydroxide }				10 mg/kg	1.579	15.795 mg/kg	0.00158 %			
		028-008-00-X	235-008-5 [1] 234-348-1 [2]								
			12054-48-7 [1] 11113-74-9 [2]								
10	pH				8.2 pH		8.2 pH	8.2 pH			
			PH								
11	phenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
		604-001-00-2	203-632-7								
			108-95-2								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.23 mg/kg	2.554	0.587 mg/kg	0.0000587 %			
		034-002-00-8									
13	zinc { zinc oxide }				43 mg/kg	1.245	53.523 mg/kg	0.00535 %			
		030-013-00-7	215-222-5								
			1314-13-2								
14	benzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %			<LOD
		601-020-00-8	200-753-7								
			71-43-2								
15	toluene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %			<LOD
		601-021-00-3	203-625-9								
			108-88-3								
16	ethylbenzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %			<LOD
		601-023-00-4	202-849-4								
			100-41-4								
17	xylene				<0.0004 mg/kg		<0.0004 mg/kg	<0.00000004 %			<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				1100 mg/kg		1100 mg/kg	0.11 %			
			TPH								
19	acenaphthene				0.29 mg/kg		0.29 mg/kg	0.000029 %			
			201-469-6								
			83-32-9								
20	acenaphthylene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
			205-917-1								
			208-96-8								
21	anthracene				0.37 mg/kg		0.37 mg/kg	0.000037 %			
			204-371-1								
			120-12-7								
22	benzo[a]anthracene				0.82 mg/kg		0.82 mg/kg	0.000082 %			
		601-033-00-9	200-280-6								
			56-55-3								
23	benzo[a]pyrene; benzo[def]chrysene				1.3 mg/kg		1.3 mg/kg	0.00013 %			
		601-032-00-3	200-028-5								
			50-32-8								
24	benzo[b]fluoranthene				1 mg/kg		1 mg/kg	0.0001 %			
		601-034-00-4	205-911-9								
			205-99-2								
25	benzo[k]fluoranthene				0.65 mg/kg		0.65 mg/kg	0.000065 %			
		601-036-00-5	205-916-6								
			207-08-9								
26	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8								
			191-24-2								
27	chrysene				1.1 mg/kg		1.1 mg/kg	0.00011 %			
		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
		CLP index number	EC Number	CAS Number								
28		dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-041-00-2	200-181-8	53-70-3								
29	■	fluoranthene				2.1 mg/kg		2.1 mg/kg	0.00021 %			
			205-912-4	206-44-0								
30	■	fluorene				0.13 mg/kg		0.13 mg/kg	0.000013 %			
			201-695-5	86-73-7								
31	■	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-893-2	193-39-5								
32		naphthalene				0.46 mg/kg		0.46 mg/kg	0.000046 %			
		601-052-00-2	202-049-5	91-20-3								
33	■	phenanthrene				1 mg/kg		1 mg/kg	0.0001 %			
			201-581-5	85-01-8								
34	■	pyrene				2.1 mg/kg		2.1 mg/kg	0.00021 %			
			204-927-3	129-00-0								
35		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: 0.131 %												

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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH2

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

Sample details

Sample Name:	LoW Code:	
BH2	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)
0.2 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
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				9.1 mg/kg	1.32	12.015 mg/kg	0.0012 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium sulfide }			1	0.16 mg/kg	1.285	0.206 mg/kg	0.000016 %			
	048-010-00-4	215-147-8	1306-23-6								
3	chromium in chromium(III) compounds { chromium(III) oxide }				12 mg/kg	1.462	17.539 mg/kg	0.00175 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
5	copper { dicopper oxide; copper (I) oxide }				24 mg/kg	1.126	27.021 mg/kg	0.0027 %			
	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 }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
7	lead { lead chromate }			1	96 mg/kg	1.56	149.742 mg/kg	0.0096 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %			
	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				8.6 pH		8.6 pH	8.6 pH			
11	phenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.24 mg/kg	2.554	0.613 mg/kg	0.0000613 %			
	034-002-00-8										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
13	zinc { zinc oxide }				48 mg/kg	1.245	59.746	mg/kg	0.00597 %		
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.0002 mg/kg		<0.0002	mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.0002 mg/kg		<0.0002	mg/kg	<0.00000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.0002 mg/kg		<0.0002	mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.0004 mg/kg		<0.0004	mg/kg	<0.00000004 %		<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				320 mg/kg		320	mg/kg	0.032 %		
			TPH								
19	acenaphthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9								
20	acenaphthylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8								
21	anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7								
22	benzo[a]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
23	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
24	benzo[b]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
25	benzo[k]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
26	benzo[ghi]perylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2								
27	chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
28	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
29	fluoranthene				0.94 mg/kg		0.94	mg/kg	0.000094 %		
		205-912-4	206-44-0								
30	fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7								
31	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5								
32	naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
33	phenanthrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8								
34	pyrene				1.1 mg/kg		1.1	mg/kg	0.00011 %		
		204-927-3	129-00-0								
35	asbestos				<10 mg/kg		<10	mg/kg	<0.001 %		<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:									0.0569 %		

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
ND	Not detected
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 because Low level

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.032%)

Classification of sample: BH3

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

Sample details

Sample Name:	LoW Code:
BH3	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.1 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

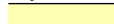
Determinands

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
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				17	mg/kg	1.32	22.446	mg/kg	0.00224 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium sulfide }			1	0.16	mg/kg	1.285	0.206	mg/kg	0.000016 %		
	048-010-00-4	215-147-8	1306-23-6									
3	chromium in chromium(III) compounds { chromium(III) oxide }				12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
5	copper { dicopper oxide; copper (I) oxide }				21	mg/kg	1.126	23.644	mg/kg	0.00236 %		
	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 }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
7	lead { lead chromate }			1	71	mg/kg	1.56	110.747	mg/kg	0.0071 %		
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.16	mg/kg	1.353	0.217	mg/kg	0.0000217 %		
	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				8.3	pH		8.3	pH	8.3 pH		
11	phenol				8.2	mg/kg		8.2	mg/kg	0.00082 %		
	604-001-00-2	203-632-7	108-95-2									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.28	mg/kg	2.554	0.715	mg/kg	0.0000715 %		
	034-002-00-8											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
13	zinc { zinc oxide }				55 mg/kg	1.245	68.459 mg/kg	0.00685 %		
	030-013-00-7	215-222-5	1314-13-2							
14	benzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.0004 mg/kg		<0.0004 mg/kg	<0.00000004 %		<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				540 mg/kg		540 mg/kg	0.054 %		
			TPH							
19	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
20	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
21	anthracene				0.47 mg/kg		0.47 mg/kg	0.000047 %		
		204-371-1	120-12-7							
22	benzo[a]anthracene				0.98 mg/kg		0.98 mg/kg	0.000098 %		
	601-033-00-9	200-280-6	56-55-3							
23	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
24	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
25	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
26	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
27	chrysene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-048-00-0	205-923-4	218-01-9							
28	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
29	fluoranthene				2.1 mg/kg		2.1 mg/kg	0.00021 %		
		205-912-4	206-44-0							
30	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
31	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
32	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
33	phenanthrene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
		201-581-5	85-01-8							
34	pyrene				2.1 mg/kg		2.1 mg/kg	0.00021 %		
		204-927-3	129-00-0							
35	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:								0.0784 %		

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
ND	Not detected
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 because Low level

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.054%)

Classification of sample: BH6

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

Sample details

Sample Name:	LoW Code:	
BH6	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)
0.3 m		
Moisture content:		
11%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: **11%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				14 mg/kg	1.32	18.485 mg/kg	0.00185 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium sulfide }			1	0.52 mg/kg	1.285	0.668 mg/kg	0.000052 %			
	048-010-00-4	215-147-8	1306-23-6								
3	chromium in chromium(III) compounds { chromium(III) oxide }				64 mg/kg	1.462	93.54 mg/kg	0.00935 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
5	copper { dicopper oxide; copper (I) oxide }				48 mg/kg	1.126	54.043 mg/kg	0.0054 %			
	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 }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
7	lead { lead chromate }			1	130 mg/kg	1.56	202.776 mg/kg	0.013 %			
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.37 mg/kg	1.353	0.501 mg/kg	0.0000501 %			
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel dihydroxide }				17 mg/kg	1.579	26.851 mg/kg	0.00269 %			
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
10	pH				7.6 pH		7.6 pH	7.6 pH			
			PH								
11	phenol				0.33 mg/kg		0.33 mg/kg	0.000033 %			
	604-001-00-2	203-632-7	108-95-2								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.39 mg/kg	2.554	0.996 mg/kg	0.0000996 %			
	034-002-00-8										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
13	zinc { zinc oxide }				77 mg/kg	1.245	95.843	mg/kg	0.00958 %		
	030-013-00-7	215-222-5	1314-13-2								
14	benzene				<0.0002 mg/kg		<0.0002	mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.0002 mg/kg		<0.0002	mg/kg	<0.00000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.0002 mg/kg		<0.0002	mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.0004 mg/kg		<0.0004	mg/kg	<0.00000004 %		<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				310 mg/kg		310	mg/kg	0.031 %		
			TPH								
19	acenaphthene				0.51 mg/kg		0.51	mg/kg	0.000051 %		
		201-469-6	83-32-9								
20	acenaphthylene				0.22 mg/kg		0.22	mg/kg	0.000022 %		
		205-917-1	208-96-8								
21	anthracene				0.72 mg/kg		0.72	mg/kg	0.000072 %		
		204-371-1	120-12-7								
22	benzo[a]anthracene				3.1 mg/kg		3.1	mg/kg	0.00031 %		
	601-033-00-9	200-280-6	56-55-3								
23	benzo[a]pyrene; benzo[def]chrysene				4 mg/kg		4	mg/kg	0.0004 %		
	601-032-00-3	200-028-5	50-32-8								
24	benzo[b]fluoranthene				3.8 mg/kg		3.8	mg/kg	0.00038 %		
	601-034-00-4	205-911-9	205-99-2								
25	benzo[k]fluoranthene				1.8 mg/kg		1.8	mg/kg	0.00018 %		
	601-036-00-5	205-916-6	207-08-9								
26	benzo[ghi]perylene				2.1 mg/kg		2.1	mg/kg	0.00021 %		
		205-883-8	191-24-2								
27	chrysene				3.7 mg/kg		3.7	mg/kg	0.00037 %		
	601-048-00-0	205-923-4	218-01-9								
28	dibenz[a,h]anthracene				0.47 mg/kg		0.47	mg/kg	0.000047 %		
	601-041-00-2	200-181-8	53-70-3								
29	fluoranthene				9.3 mg/kg		9.3	mg/kg	0.00093 %		
		205-912-4	206-44-0								
30	fluorene				0.28 mg/kg		0.28	mg/kg	0.000028 %		
		201-695-5	86-73-7								
31	indeno[123-cd]pyrene				3.2 mg/kg		3.2	mg/kg	0.00032 %		
		205-893-2	193-39-5								
32	naphthalene				0.32 mg/kg		0.32	mg/kg	0.000032 %		
	601-052-00-2	202-049-5	91-20-3								
33	phenanthrene				2.5 mg/kg		2.5	mg/kg	0.00025 %		
		201-581-5	85-01-8								
34	pyrene				6.5 mg/kg		6.5	mg/kg	0.00065 %		
		204-927-3	129-00-0								
35	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:									0.0776 %		

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
ND	Not detected
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 because **Low level**

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.031%)

Classification of sample: BH7

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

Sample details

Sample Name:	LoW Code:
BH7	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **10% No Moisture Correction applied (MC)**

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number					
1	arsenic { arsenic trioxide }							
	033-003-00-0	215-481-4	1327-53-3		7.1 mg/kg	1.32	9.374 mg/kg	0.000937 %
2	cadmium { cadmium sulfide }			1	0.16 mg/kg	1.285	0.206 mg/kg	0.000016 %
	048-010-00-4	215-147-8	1306-23-6					
3	chromium in chromium(III) compounds { chromium(III) oxide }				13 mg/kg	1.462	19 mg/kg	0.0019 %
		215-160-9	1308-38-9					
4	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %
	024-001-00-0	215-607-8	1333-82-0					<LOD
5	copper { dicopper oxide; copper (I) oxide }				20 mg/kg	1.126	22.518 mg/kg	0.00225 %
	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 }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %
	006-007-00-5							<LOD
7	lead { lead chromate }			1	49 mg/kg	1.56	76.431 mg/kg	0.0049 %
	082-004-00-2	231-846-0	7758-97-6					
8	mercury { mercury dichloride }				0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %
	080-010-00-X	231-299-8	7487-94-7					
9	nickel { nickel dihydroxide }				11 mg/kg	1.579	17.374 mg/kg	0.00174 %
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]					
10	pH				8 pH		8 pH	8pH
11	phenol				4.5 mg/kg		4.5 mg/kg	0.00045 %
	604-001-00-2	203-632-7	108-95-2					
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.24 mg/kg	2.554	0.613 mg/kg	0.0000613 %
	034-002-00-8							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
13	zinc { zinc oxide }				60 mg/kg	1.245	74.683 mg/kg	0.00747 %		
	030-013-00-7	215-222-5	1314-13-2							
14	benzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.0004 mg/kg		<0.0004 mg/kg	<0.00000004 %		<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				300 mg/kg		300 mg/kg	0.03 %		
			TPH							
19	acenaphthene				0.29 mg/kg		0.29 mg/kg	0.000029 %		
		201-469-6	83-32-9							
20	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
21	anthracene				0.39 mg/kg		0.39 mg/kg	0.000039 %		
		204-371-1	120-12-7							
22	benzo[a]anthracene				1 mg/kg		1 mg/kg	0.0001 %		
	601-033-00-9	200-280-6	56-55-3							
23	benzo[a]pyrene; benzo[def]chrysene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
	601-032-00-3	200-028-5	50-32-8							
24	benzo[b]fluoranthene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
	601-034-00-4	205-911-9	205-99-2							
25	benzo[k]fluoranthene				0.74 mg/kg		0.74 mg/kg	0.000074 %		
	601-036-00-5	205-916-6	207-08-9							
26	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
27	chrysene				1.3 mg/kg		1.3 mg/kg	0.00013 %		
	601-048-00-0	205-923-4	218-01-9							
28	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
29	fluoranthene				2.2 mg/kg		2.2 mg/kg	0.00022 %		
		205-912-4	206-44-0							
30	fluorene				0.13 mg/kg		0.13 mg/kg	0.000013 %		
		201-695-5	86-73-7							
31	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
32	naphthalene				0.41 mg/kg		0.41 mg/kg	0.000041 %		
	601-052-00-2	202-049-5	91-20-3							
33	phenanthrene				1.3 mg/kg		1.3 mg/kg	0.00013 %		
		201-581-5	85-01-8							
34	pyrene				2.4 mg/kg		2.4 mg/kg	0.00024 %		
		204-927-3	129-00-0							
35	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:								0.0512 %		

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
ND	Not detected
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 because Low level

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.03%)

Classification of sample: BH1 0.9

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

Sample details

Sample Name:	LoW Code:	
BH1 0.9	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)
0.9 m		
Moisture content:		
7.7%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 7.7% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	• pH				8.5 pH		8.5 pH	8.5 pH		
2	phenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
3	benzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
5	• ethylbenzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.0004 mg/kg		<0.0004 mg/kg	<0.00000004 %		<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]							
7	• TPH (C6 to C40) petroleum group				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
			TPH							
8	• acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
9	• acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
10	• anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	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							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
16	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
17	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								
18	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
19	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
20	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
21	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
22	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
23	pyrene				0.087 mg/kg		0.087 mg/kg	0.0000087 %			
		204-927-3	129-00-0								
Total:									0.00031 %		

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
ND	Not detected

Classification of sample: BH4

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

Sample details

Sample Name:	LoW Code:	
BH4	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)
0.8 m		
Moisture content:		
14%		
(no correction)		

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	• pH				8.1 pH		8.1 pH	8.1 pH		
2	phenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
3	benzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
5	• ethylbenzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.0004 mg/kg		<0.0004 mg/kg	<0.00000004 %		<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]							
7	• TPH (C6 to C40) petroleum group				77 mg/kg		77 mg/kg	0.0077 %		
			TPH							
8	• acenaphthene				0.07 mg/kg		0.07 mg/kg	0.000007 %		
		201-469-6	83-32-9							
9	• acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
10	• anthracene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
		204-371-1	120-12-7							
11	benzo[a]anthracene				0.81 mg/kg		0.81 mg/kg	0.000081 %		
	601-033-00-9	200-280-6	56-55-3							
12	benzo[a]pyrene; benzo[def]chrysene				0.83 mg/kg		0.83 mg/kg	0.000083 %		
	601-032-00-3	200-028-5	50-32-8							
13	benzo[b]fluoranthene				1 mg/kg		1 mg/kg	0.0001 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
	601-036-00-5	205-916-6	207-08-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	benzo[ghi]perylene	205-883-8	191-24-2		0.54 mg/kg		0.54 mg/kg	0.000054 %		
16	chrysene	601-048-00-0	205-923-4	218-01-9	0.72 mg/kg		0.72 mg/kg	0.000072 %		
17	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.13 mg/kg		0.13 mg/kg	0.000013 %		
18	fluoranthene	205-912-4	206-44-0		1.2 mg/kg		1.2 mg/kg	0.00012 %		
19	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	indeno[123-cd]pyrene	205-893-2	193-39-5		0.42 mg/kg		0.42 mg/kg	0.000042 %		
21	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	phenanthrene	201-581-5	85-01-8		0.75 mg/kg		0.75 mg/kg	0.000075 %		
23	pyrene	204-927-3	129-00-0		1.3 mg/kg		1.3 mg/kg	0.00013 %		
Total:								0.00858 %		

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
ND	Not detected

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 because Low level

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0077%)

Classification of sample: BH6 0.9

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

Sample details

Sample Name:	LoW Code:	
BH6 0.9	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)
0.9 m		
Moisture content:		
5.3%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 5.3% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	• pH				7.8 pH		7.8 pH	7.8 pH		
2	phenol				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
3	benzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
4	toluene				0.0003 mg/kg		0.0003 mg/kg	0.000000034 %		
	601-021-00-3	203-625-9	108-88-3							
5	• ethylbenzene				<0.0002 mg/kg		<0.0002 mg/kg	<0.00000002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
6	xylene				<0.0004 mg/kg		<0.0004 mg/kg	<0.00000004 %		<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]							
7	• TPH (C6 to C40) petroleum group				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
			TPH							
8	• acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
9	• acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
10	• anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	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							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
17	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
19	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
20	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
22	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
23	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
Total:									0.00031 %		

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
ND	Not detected

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 because Low level

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 3.4e-08%)

Appendix A: Classifier defined and non CLP determinands

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

Conversion factor: 1.462

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: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Repr. 1B H360FD , Skin Sens. 1 H317 , Resp. Sens. 1 H334 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302 , Acute Tox. 4 H332

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

CLP index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazards Statement(s)/Risk Phrase(s):

14 Dec 2015 - 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.

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

CLP index number: 601-023-00-4

Description/Comments:

Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)

Additional Hazard Statement(s): Carc. 2 H351

Reason for additional Hazards Statement(s)/Risk Phrase(s):

03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

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

■ **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: Aquatic Chronic 2 H411 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

■ **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: Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 1 H310 , Acute Tox. 1 H330 , Acute Tox. 4 H302

■ **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: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

■ **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 Chronic 1 H410 , Aquatic Acute 1 H400

■ **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: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Acute Tox. 4 H302

■ **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 Chronic 1 H410 , Aquatic Acute 1 H400

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

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

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

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

■ **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: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315

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 chromium(III) compounds {chromium(III) oxide}

Worst case species based on hazard statements

chromium in chromium(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

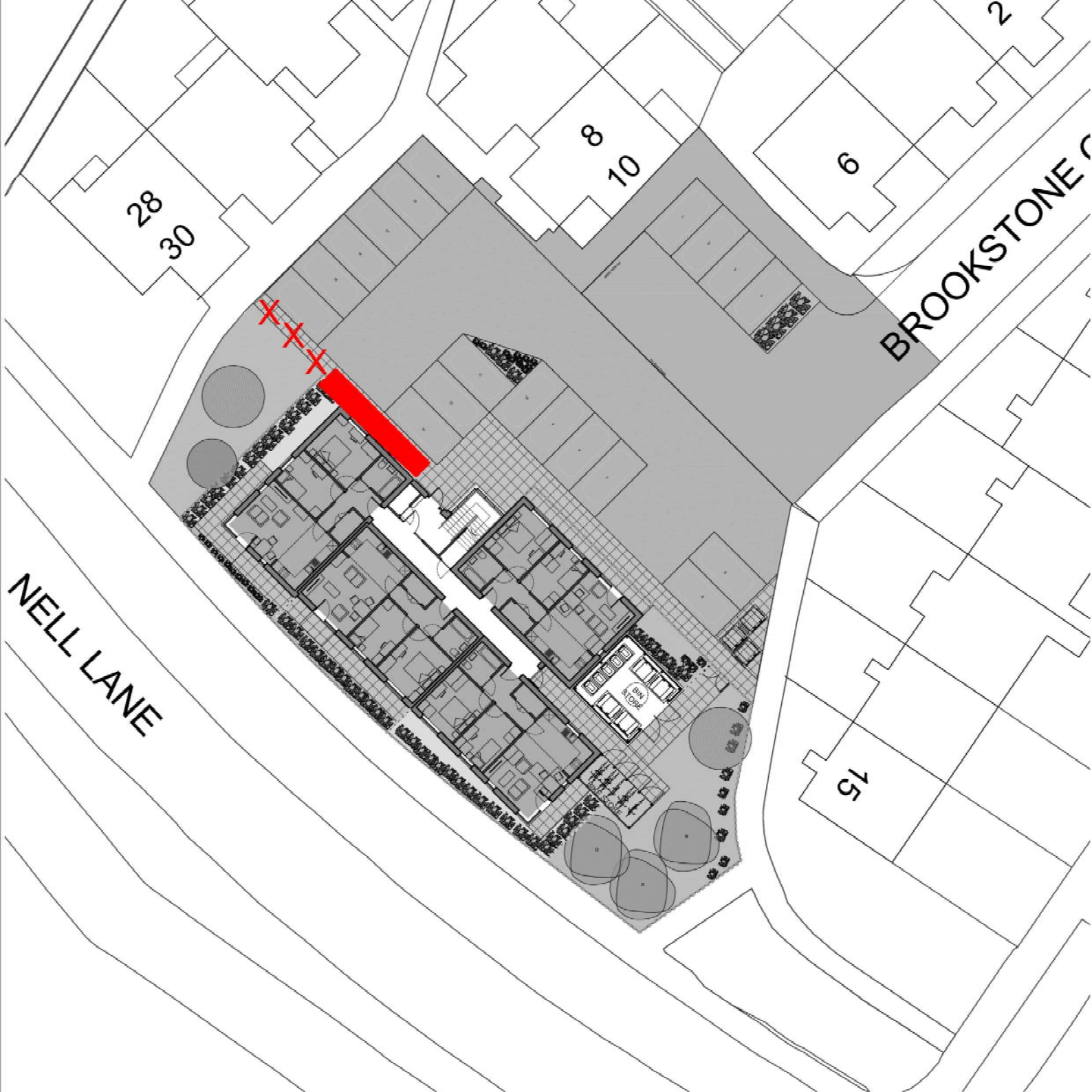
HazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2020.7.4126.8237 (07 Jan 2020)

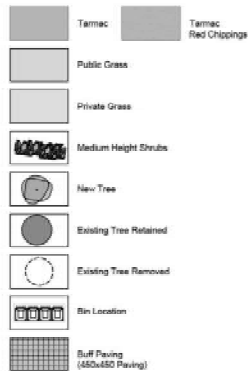
HazWasteOnline Database: 2020.7.4126.8237 (07 Jan 2020)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Wastes 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
POPs Regulation 2004 - Regulation 850/2004/EC of 29 April 2004
1st ATP to POPs Regulation - Regulation 756/2010/EU of 24 August 2010
2nd ATP to POPs Regulation - Regulation 757/2010/EU of 24 August 2010



LANDSCAPE KEY



BOUNDARY TREATMENT KEY



SCHEDULE OF ACCOMMODATION

Type	Area	Total
Housetype G- 2B3P	61m ²	12

Car parking : 19No.
(Existing parking 9 spaces. Increase of 10 spaces)

DRAFT

Plan Showing Supplementary Tests/Remedial Works

Excavate made ground to 0.6 metres and remove from site

Supplementary asbestos tests



scale 1:250 0 10m

Rev.	Date:	By:	Remarks:
A	23.07.19	CG	Proposal updated to reflect comments received on 16.07.19 at design freeze meeting
B	08.08.19	CG	Boundary amended to CIS comments

Client:	Southway Housing
Project:	Southway Infill Sites

Scale:	1:250@A3
Date:	JUN 19
Drawn:	HR
Checked:	

Description:	Proposed Site Plan Neil Lane
Project/Drawing No.	18-021/ 1.02
Rev.	B



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